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Whitworth College Bulletin 1955-1957

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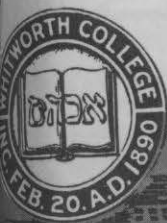
**whitworth
college
bulletin**

Spokane, Washington

Announcements

1955-1957

65th-66th years



DIRECTORY OF CORRESPONDENCE

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

- a. General School Policy
- b. Instructional Staff
- c. Field Representation

Dr. Theron B. Maxson, Vice-President, should be addressed on all correspondence relating to the following:

- a. Public Relations

Dr. Alvin B. Quall, Dean, should be addressed on all correspondence relating to the following:

- a. Educational Program of the College
- b. Guidance Program
- c. Summer School
- d. Work Toward Master's Degree

Mr. J. Paul Snyder, Business Manager; or Mr. Dayne Nix, Bursar, should be addressed on all correspondence relating to the following:

- a. Business Interest of the College
- b. Payment of Accounts
- c. Grants-in-Aid and Student Loans
- d. Living Endowments; Life Annuity Bonds
- e. Student Employment

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

- a. Scholastic Requirements, Including Entrance, Classification and Graduation
- b. Evaluation of, and Request for Transcripts
- c. Scholastic Progress
- d. Certification and Placement of Teachers
- e. Foreign Student Information

Miss Marion R. Jenkins, Dean of Women, or Dr. John A. LaCoste, Dean of Men, should be addressed on all correspondence relating to the following:

- a. Room Reservations
- b. Permission to Live off-Campus Other Than with Parents
- c. Questions Relating to Men's or Women's Activities

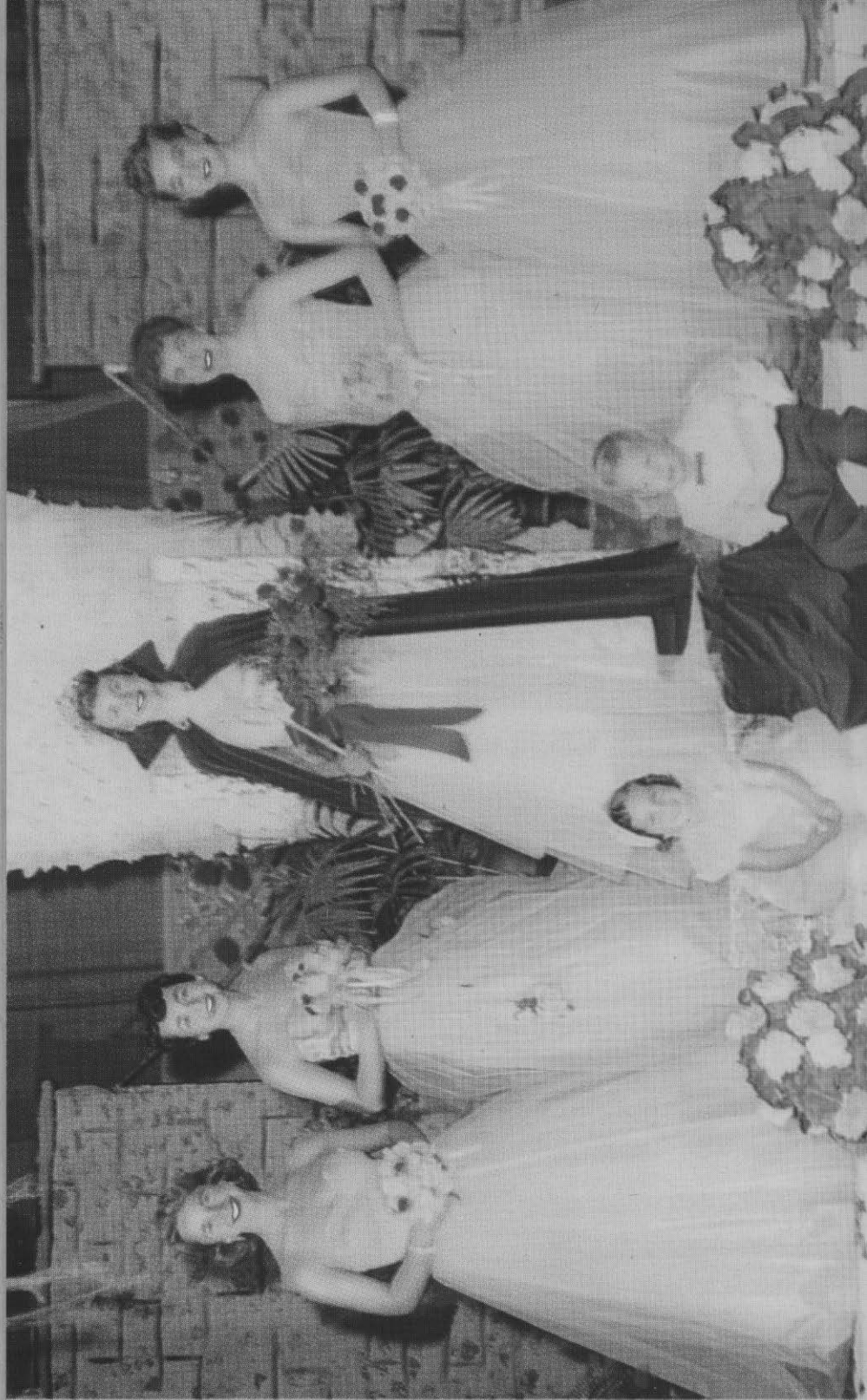
Mr. Helmuth Bekowies, Director of Admissions, should be addressed on all correspondence relating to the following:

- a. Admission of Students
- b. General Informational Literature
- c. Scholarships
- d. Request for Catalogue



10756 VIA TERRANOVA

1954

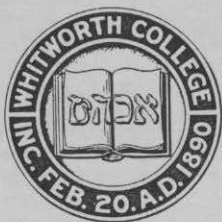


Homecoming Queen & Court

WHITWORTH COLLEGE

BULLETIN

Spokane, Washington



A COLLEGE OF
LIBERAL ARTS AND SCIENCES

Catalog Number

Announcements for 1955-1957

WHITWORTH COLLEGE BULLETIN

Vol. XXIII

MARCH 1955

No. 3

Entered as second class matter, August 5, 1930, at the Post Office, Spokane, Washington, under the act of August 12, 1912. Published seven times yearly by Whitworth College, Spokane, Washington.

CALENDAR FOR 1955-1956

SUMMER SCHOOL—1955

Registration	June 20
Class Instruction Begins	June 21
Fourth of July (holiday)	July 4
Final Examinations	July 28-29
End of first session	July 29
Seminar Session begins	July 25
Seminar Session ends	August 26

FIRST SEMESTER

Faculty Retreat	September 16-17
Registration of new students	September 20-21
Orientation of new students	September 22-23
Registration of Upper Classmen	September 22-23
Faculty Reception, 8 p. m.	September 23
Class Instruction begins, 8:10 a. m.	September 26
Formal Convocation, 10 a. m.	September 26
Latest date for discontinuing of a course without F, unless work is satisfactory to date of withdrawal	October 14
Latest date to add a course	October 14
Women's Conference	October 7-9
Annual Homecoming	October 28-29
Spiritual Emphasis Week (Movable)	November 6-11
Mid-Semester Examinations	November 14-18
Mid-Semester grades due in Registrar's office	November 19
Thanksgiving Vacation, begins 12:30 p. m.	November 23
Thanksgiving Vacation, ends 8:10 a. m.	November 28
Pre-registration for second semester begins	December 5
Christmas Vacation, begins 5:20 p. m.	December 16
Christmas Vacation, ends 8:10 a. m.	January 2
Final examinations (Monday thru Friday)	January 30-February 3
Last day of the first semester	February 3
Final grades due in Registrar's office 8:10 a. m.	February 6

SECOND SEMESTER

Registration of new students	February 6-7
Class Instruction begins 8:10 a. m.	February 8
Latest date for discontinuing of a course without F, unless work is satisfactory to date of withdrawal	February 24
Latest date to add a course	February 24
Washington's Birthday (holiday)	February 22
Mid-Semester Examinations	March 26-29
Mid-Semester grades due in Registrar's office	March 31
Spring Recess, begins 5:20 p. m.	March 29
Spring recess, ends 8:10 a. m.	April 9
May Day Festival	May 4
Memorial Day (holiday)	May 30
Faculty-Senior Breakfast	June 2
Senior Vespers	June 3
Final Examinations	June 4-8
Alumni Banquet	June 9
Annual Meeting of Board of Trustees	June 9
Baccalaureate Sunday	June 10
Last Day of Second Semester	June 11
Commencement	June 11

1955

JUNE						
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1956

JANUARY

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CALENDAR FOR 1956-1957

SUMMER SCHOOL—1956

Registration	June 18
Class Instruction begins	June 19
Fourth of July (holiday)	July 4
Final Examinations (first session)	July 26-27
End of First Session	July 27
Seminar Session begins	July 23
Seminar Session ends	August 24

FIRST SEMESTER

Faculty Retreat	September 14-15
Registration of new students	September 18-19
Orientation of new students	September 20-21
Registration of Upper Classmen	September 20-21
Faculty Reception, 8 p. m.	September 21
Class Instruction begins, 8:10 a. m.	September 24
Formal Convocation, 10 a. m.	September 24
Women's Conference	October 5-7
Latest date for discontinuing a course without F, unless work is satisfactory at time of withdrawal.....	October 12
Latest date to add a course without reduction of credit and approval of Academic Board	October 12
Annual Homecoming	October 26-28
Spiritual Emphasis Week (Movable)	November 4-9
Mid-Semester Examinations	November 12-15
Mid-Semester grades due in Registrar's office	November 17
Thanksgiving Vacation, begins 12:30 p. m.	November 28
(Unless otherwise specified by the President of the United States)	
Thanksgiving Vacation, ends 8:10 a. m.	December 3
Pre-registration for second semester begins	December 3
Christmas Vacation, begins 5:20 p. m.	December 14
Christmas Vacation, ends 8:10 a. m.	January 2
Final Examinations (Mon. through Fri.)	January 28-February 1
Last day of the first semester	February 1
Final grades due in Registrar's office by 8:10 a. m.	February 4

SECOND SEMESTER

Registration of new students	February 4-5
Class Instruction begins 8:10 a. m.	February 6
Latest date for discontinuing a course without F, unless work is satisfactory to date of withdrawal	February 21
Latest date to add a course	February 21
Washington's Birthday (holiday)	February 22
Mid-Semester Examinations	March 25-29
Mid-Semester grades due in Registrar's office	March 30
Spring Recess, begins 5:20 p. m.	March 29
Spring Recess, ends 8:10 a. m.	April 8
Good Friday (holiday)	April 26
May Day Festival	May 3
Memorial Day (holiday)	May 30
Faculty-Senior Breakfast	June 1
Final Examinations	June 3-7
Alumni Banquet	June 8
Annual Meeting of Board of Trustees	June 8
Baccalaureate Sunday	June 9
Last Day of Second Semester	June 10
Commencement	June 10

1956						
JUNE						
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THE CORPORATION

BOARD OF TRUSTEES

CLASS OF 1955

Albert K. Arend.....	Spokane
Charles F. Kochler, D.D.....	Spokane
Ernest E. Baldwin.....	Spokane
C. Davis Weyerhaeuser.....	Tacoma
Evert Top, D.D.....	Spokane
Kenneth G. Myers.....	Seattle
L. David Cowie, D.D.....	Seattle
Mrs. Grant Dixon.....	Spokane
Fred W. Neale.....	Seattle
Sam A. Postell.....	Spokane

CLASS OF 1956

Raymond W. Burch.....	Coeur d'Alene, Idaho
Alfred Carlson.....	Spokane
F. L. Graybill.....	Spokane
Herbert Hamblen.....	Spokane
David L. Jones.....	Seattle
Mark L. Kochler, D.D.....	Yakima
Lawrance J. Mitchell, D.D.....	Seattle
Otto R. Rabel.....	Seattle
Arthur E. Symons.....	Seattle
Clarence A. Black.....	Seattle

CLASS OF 1957

William L. McEachran, LL.D., Chairman.....	Spokane
Sheldon O. Price, D.D.....	Wenatchee
Werner Rosenquist.....	Spokane
Carroll M. Hull.....	Yakima
Carl L. Boppell.....	Santa Cruz, California
Arthur B. Langlie.....	Seattle
Haydn Morgan.....	Spokane
Ingwer Thomsen.....	Marlin
Mrs. Robert Hardy.....	Yakima
Thomas L. Thompson.....	Connell

OFFICERS OF THE BOARD

William L. McEachran, LL.D., Chairman.....	Spokane
Albert Arend, Vice Chairman.....	Spokane
Werner Rosenquist, Secretary.....	Spokane
Sam A. Postell, Treasurer.....	Spokane
Clarence E. Polhemus, Ex-officio Member.....	Spokane

ADMINISTRATION

Frank F. Warren.....	President
Alvin B. Quall.....	Dean
Theron B. Maxson.....	Vice President
Marion R. Jenkins.....	Dean of Women
Estella E. Baldwin.....	Registrar
John La Coste.....	Dean of Men
J. Paul Snyder.....	Business Manager
Helmuth Bekowies.....	Director of Admissions and Alumni Executive Secretary

ADMINISTRATIVE STAFF

Lily Anderson.....	Secretary to the President
Carolyn Fisher.....	Secretary to Vice President and Alumni Office
Rhea French, B.A.....	Librarian
Shirley Gallaher.....	Secretary to the Director of Admissions
Mrs. Jeanne Green.....	Dietician
John G. Gunn.....	Field Representative
Dixie Harder, B.A.....	Secretary to the Registrar
Ann Harold, B.A.....	Secretary to the Dean
Wilbur D. Kelly.....	Superintendent of Buildings
Rita Klein, B.A., B.L.S.....	Assistant to Librarian
Viola Lamberton.....	Business Office Secretary and Veterans' Coordinator
E. L. Lind.....	Superintendent of Grounds
Mrs. Leonard Martin, B.M., B.A.....	Bookstore Manager
Dayne Nix, B.C.S.....	Bursar
Virginia Riegel.....	Student Employment Secretary
Betty Rodgers, M.A.....	Assistant to Librarian
Joyce Rowan, B.A.....	Switchboard Operator
Billie Jean Thiessen.....	Secretary to Dean of Women and Dean of Men
Marjorie White.....	Secretary, Mailing and Service Department

HEALTH SERVICE STAFF

James N. Sledge, M.D.....	College Physician
Dorothy Funk, B.S.....	Supervisor College Infirmary
Alice Hunt, R.N., B.S.....	Staff Nurse, College Infirmary

FACULTY

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

President

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

JAMES F. ADAMS, M. Ed.

Assistant Professor of Psychology

B. A., University of California; M. Ed., Temple University, Pennsylvania, and additional work towards Ph. D., Washington State College.
Whitworth College, 1952— Whitworth College Campus

HOMER E. ALDER, Ph. D.

Professor of Biology

B. S., Fremont Normal College; B. A., Nebraska Wesleyan University; M. A., and Ph. D., University of Nebraska.
Whitworth College, 1946— 509 W. Hawthorne, Country Homes Estates

WILBUR L. ANDERS, B. M.

Associate Professor of Music

B. M., B. M. Ed., St. Olaf College; special study under Dr. D. Arturo Bullock, Ellsworth Conservatory of Music; special study in voice under Frederick Haywood, Eastman School of Music.
Whitworth College, 1947— 190 E. Graves Road, Country Homes Park

EFFIE I. ANDERSON, B. S., R. N.

Instructor in Nursing

B. S., University of Washington; R. N., Deaconess Hospital School of Nursing, Spokane, Washington.
Whitworth College and Deaconess Hospital, 1951— Colbert, Washington

ARTHUR LEON ARKSEY, B. A., M. A.

Instructor in English

B. A., Greenville College; M. A., University of Illinois.
Whitworth College, 1954— Whitworth College Campus

ESTELLA E. BALDWIN, M. A.

Professor, Registrar, Bible

B. A., M. A., Whitworth College; Bible Institute of Los Angeles, California, graduate work, New York Biblical Seminary, and University of Boston.
Whitworth College, 1931— Home Economics Building, Campus

HELMUTH BEKOWIES, B. A.

Director of Admissions and Alumni Executive Secretary

B. A., Whitworth College.
Whitworth College, 1948— Route 5, Country Homes Estates

THOMAS W. BIBB, Ph. D.

Professor of Economics and Business Administration

B. A., William Jewell College; M. A., Ph. D., University of Washington.
Whitworth College, 1946— College Homes, Campus

MARY BOPPELL, M. A.

Associate Professor of Home Economics

B. S., M. A., University of Washington.
Whitworth College, 1941— Home Management Cottage, Campus

CORNELIUS J. BROSNAN, Ph. D.

Visiting Professor of History

B. A., University of Michigan; M. A., Harvard University; Ph. D., University of California; Graduate work at University of Chicago.
Whitworth College, 1952— 320 E. Hawthorne, Country Homes Park

JAMES C. CARLSEN

Instructor in Music, Instrumental, Theory

B. A., Whitworth College, Graduate work University of Washington.

Whitworth College, 1954—

5418 N. Jefferson

JOHN ARVID CARLSON, M. S.

Professor of Mathematics and Engineering

B. S., M. S., University of Washington; Graduate study, University of Washington.

Whitworth College, 1935—

Country Homes Estates

A. VINCENT CARR, B. D.

Instructor in Religion

B. A., University of Dubuque, Iowa; B. D., Dubuque Seminary. Work towards Ph.

D., University of Chicago.

Whitworth College, 1950—

Country Homes Estates

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

Professor of Music, Piano, Organ, Theory

Mus. B., Oberlin Conservatory of Music; Mus. M., Cincinnati Conservatory of

Music; student of Ernest Hutcheson and Sigismund Stojowski in New York City;

B. A., Whitworth College, Graduate work towards Ph. D., Yale University, and

Graduate work at Eastman School of Music.

Whitworth College, 1937—

Home Economics Building, Campus

R. FENTON DUVALL, M. A., Litt. D.

Associate Professor of History

B. S., in Ed., Temple University; M. A., University of Pennsylvania; Litt. D.,

King's College, Delaware; Candidate for Ph. D., University of Pennsylvania.

Whitworth College, 1949—

W. 823 Cleveland

VELMA E. EACKER, B. Ed.

Instructor in English

B. A., B. Ed., Whitworth College.

Whitworth College, 1952—

W. 111 30th Avenue

IVALO PEARL EDDY

Instructor in Speech and Dramatics

Graduate work at Greely School of Dramatic Art, Boston, Massachusetts, San Jose

Teacher's College; University of Oregon; Washington State College; and voice

coaching from Fredrick Blickfelt.

Whitworth College, 1954—

W. 1229 Riverside

ERNESTINE EVANS, M. A.

Associate Professor of Secretarial Science

Western Washington College of Education; B. A., M. A., Washington State Col-

lege, Graduate work, Columbia University, New York Biblical Seminary.

Whitworth College, 1941—

Home Economics Building, Campus

RHEA J. FRENCH, B. A.

Instructor, Librarian, Summer-Library Courses

B. A., Montana State University.

Whitworth College, 1943—

921 W. Frederick

DOROTHY FUNK, M. N.

Assistant Professor of Nursing Education

B. S., Whitworth College, R. N. and M. N. Western Reserve University.

Whitworth College, 1954—

Grieve Hall, Campus

ALFRED ORREN GRAY, M. A.

Associate Professor of Advertising and Journalism

B. A., M. A., University of Wisconsin; Graduate work, University of Wisconsin.

Whitworth College, 1946—

W. 324 Columbia

INA LEORA HENEFER, B. A.

Instructor in Biology

B. A., Whitworth College.

Whitworth College, 1954—

Warren Hall, Campus

EUGENE A. HENNING, Ph. D.

Professor of French and Spanish

B. S., M. A., University of Missouri; Ph. D., University of New Mexico. Additional language studies at Columbia University, University of Puerto Rico, National University of Mexico, University of Colorado, and Sorbonne, Paris.

Whitworth College, 1951—

W. 3520 Garland

RUBY ARLETTA HERITAGE, B. S.

Assistant Professor of Music, Voice and Theory

B. S., Columbia University; Graduate Fellowship Juilliard Graduate School, American Conservatoire of Music, Fontainebleau, France; Special coaching with William Wade Hinshaw, Frank LaForge, Richard deYoung; Advanced study towards Masters, Chicago Musical College.

Whitworth College, 1946—

1214 South Cook

MARION R. JENKINS, M. A.

Professor, Dean of Women, Bible and 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—

Home Economics Building, Campus

JASPER H. JOHNSON, M. Ed.

Associate Professor of Education

B. A., M. Ed., University of Washington, Residence work completed for Doctorate. Whitworth College, 1953—

W. 3207 Grace

JOHN G. KOEHLER, M. A.

Associate Professor of Art

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

Whitworth College, 1945—

Country Homes Estates

JOHN A. LA COSTE, Ed. D.

Assistant Professor of Education

B. A., Coe College; M. A., University of Iowa, Ed. D., University of Washington. Whitworth College, 1954—

10126 N. Andrew, Country Homes Park

FRED LA FOND

Instructor in Music, Violin

Studied with pupils of Sevcik and Leopold Auer, among them were: Franz Adelman of San Francisco, George Buckley, Karl Havelcik and Leroy Gesner.

Whitworth College, 1952—

N. 3421 "C" Street

J. RUSSELL LARSON, M. Ed.

Associate Professor of Art

B. A., B. S., University of Washington, B. Ed., Whitworth College.

Whitworth College, 1947—

Route 5, Spokane

JAMES LOUNSBERRY, M. S.

Associate Professor of Physical Education, Athletic Director, Football Coach

B. A., Central Washington College of Education; M. S., University of Washington; Doctoral Candidate University of Washington.

Whitworth College, 1952—

W. 2403 Crown

MAE McINTURFF, B. Ed.

Instructor in Women's Physical Education

B. A., B. Ed., Whitworth College.

Whitworth College, 1953—

9611 N. Ivanhoe, Country Homes Estates

LEONARD B. MARTIN, M. Mus.

Assistant Professor of Sacred Music, Voice and Theory

Westminster Choir College; B. Mus., M. Mus., University of Southern California; Pupil of Arthur Alexander.

Whitworth College, 1949—

943 E. 18th

CLYDE MATTERS, M. Ed.

Associate Professor of Physical Education, Tennis Coach

B. S., M. Ed., Whitworth College.

Whitworth College, 1950—

Route 5, Country Homes Estates

THERON B. MAXSON, Ph. D.

Professor, Vice President, Education and Psychology

B. A., York College; M. A., Ph. D., University of Southern California.

Whitworth College, 1940—
Route 5, Country Homes Estates**VERA MEEKER, M. A.**

Associate Professor in Nursing Education

A. B., Friends University, Wichita, Kansas; M. A., Teachers' College, Columbia

School of Nursing, Wesley Hospital, Wichita, Kansas.

Whitworth College and Deaconess Hospital, 1947—
Deaconess Hospital**BENJAMIN CONRAD NEUSTEL, M. S., D. Sc.**

Professor of Chemistry

B. A., Willamette University; M. S., Washington State College; Graduate work

University of Washington; Washington State College, D. Sc., Whitworth College.

Whitworth College, 1928—
Country Homes Estates**BERTHA NEUSTEL, B. S.**

Instructor in Chemistry

B. S., University of Nebraska; Graduate work at University of Washington and the
University of Chicago.Whitworth College, 1943-1944; 1954—
Country Homes Estates**ALICE QUALL, B. A.**

Instructor in Secretarial Science

B. A., Seattle Pacific College.

Whitworth College, 1953—
322 Holland, Country Homes Estates**ALVIN QUALL, M. A., Ed. D.**

Professor, Dean of College Education and Psychology

B. A., Seattle Pacific College; M. A., University of Washington; Ed. D., Wash-
ington University.Whitworth College, 1953—
322 Holland, Country Homes Estates**HENRY ALLEN RODGERS, Ph. D.**

Professor of Bible

A. B., Hamilton College; B. D., San Francisco Theological Seminary; Ph. D., Uni-
versity of Edinburgh, Scotland.Whitworth College, 1951—
E. 305 Graves Road, Country Homes Park**GUSTAV HERMAN SCHLAUCH, Ph. D.**

Professor of Sociology

B. A., Spokane University; M. A., Ph. D., University of Washington; Washington
State College.Whitworth College, 1942—
N. 5324 Madison**CLARENCE J. SIMPSON, Ph. D.**

Professor of English

A. B., Asbury College; M. A., University of Cincinnati; Ph. D., Stanford University.
Whitworth College, 1953—
W. 805 Hawthorne, Country Homes Estates**ART SMITH, M. A.**

Assistant Professor in Physical Education

B. A., Alma College; M. A., University of Idaho.

Whitworth College, 1953—
Route 5, Country Homes Estates**EVELYN A. SMITH, M. R. E.**

Assistant Professor of Bible and Christian Education

B. A., University of California; M. R. E., The Biblical Seminary in New York;

Graduate work, University of California, Whitworth College.

Whitworth College, 1948—
Staff House, Campus**J. PAUL SNYDER, M. A.**

Business Manager

B. A., College of Puget Sound; M. A., University of Washington.

Whitworth College, 1951—
10024 Whittier, Country Homes Park

DUNCAN M. THOMSON, Ph. D.

Associate Professor of Biology

B. S., University of Chicago; M. S., Northwestern University; Ph. D., University of California.

Whitworth College, 1952—

10103 Whittier, Country Homes Park

ESTELLA N. TIFFANY, M. A.

Assistant Professor of Education

B. A. in Education, Eastern Washington College of Education; M. A., University of Washington.

Whitworth College, 1949—

W. 2711 Decatur

WENDELL TOOLEY, M. A.

Assistant Professor of Advertising

A. B., McMurray College; M. A., School of Journalism, University of Missouri.

Whitworth College, 1955—

LOYD BENSON WALTZ, M. A.

Professor of Speech and Dramatics

B. A., Willamette University; M. A., University of Southern California.

Whitworth College, 1944—

2423 Dalton

MARY ELIZABETH WALTZ, B. A.

Instructor in Music, Piano

B. A., Willamette University; Graduate work at the University of Oregon and Oregon State College.

Whitworth College, 1944—

2423 Dalton

OPAL WETHERELL, B. A.

Instructor in Home Economics

B. A., Washington State College, Graduate work Washington State College.

Whitworth College, 1954—

1713 W. Mansfield

MAE WHITTEN, M. A.

Associate Professor of English

B. A., Stanford University; M. A., Whitworth College; Graduate work at Stanford University, University of California, and University of Oregon.

Whitworth College, 1945—

Warren Hall, Campus

WILLIAM G. WILSON, M. S.

Associate Professor of Physics and Engineering

B. S., M. S., University of Washington; graduate study, University of Chicago, University of California, University of Washington, Eastern Washington College of Education; work towards Ph. D., Washington State College.

Whitworth College, 1946—

N. 10804 Nelson St., Country Homes Estates

LAWRENCE E. YATES, M. A.

Associate Professor of Greek and Philosophy

B. A., McGill University; M. A., University of Toronto; B. D., Presbyterian College, Montreal, Canada. Graduate work, University of Saskatchewan. Residence work complete towards Th. D., Princeton Theological Seminary.

Whitworth College, 1948—

College Homes, Campus

CONSULTANTS IN ADVERTISING

Leon J. Harger, Former Owner, L. J. Harger Advertising Agency, S. 1517 Maple.

William H. Wixson, Former Manager, Radio Stations KHQ and KGA, 3914 Sky View.

LECTURER IN PSYCHOLOGY

Thomas W. Sugars, B. S., M. D.

B. S., Washington State College, M. D., Rush Medical College, University of Chicago. Certified American Board of Psychiatry and Neurology in Psychiatry.

W. 413 22nd Street.

GRADUATE ASSISTANTSPaul J. Merkel, B. A., B. Ed., Department of Physical Education and Coaching.
E. 1505 Decatur.

M. John Spalek, B. A., Department of German. Campus.

FACULTY STANDING COMMITTEES

ADMINISTRATION: Warren, Maxson, Quall, Jenkins, LaCoste, Bibb, Schlauch, Baldwin, Bekowics, Snyder.

ACADEMIC BOARD: Baldwin, Jenkins, LaCoste, Maxson, Quall, Schlauch, Alder, Matters, Waltz.

ATHLETICS: Alder, Lounsberry, Matters, A. Smith, J. Koehler.

CALENDAR: Evans, Waltz, Jenkins, Lounsberry.

CHAPEL: Schlauch, Rodgers, Bibb, Carrel, Anders.

DEAN'S CABINET: (Budget, Finance, and Curriculum) Quall, Alder, Anders, Duvall, Matters, Waltz.

FACULTY AFFAIRS COMMITTEE: Gray, Alder, Simpson.

GRADUATE: Quall, Maxson, Schlauch, Bibb, Baldwin, Rodgers.

LIBRARY: Simpson, Whitten, French, Henning.

NURSING: Funk, Alder, Quall, Thomson.

ORGANIZATIONS: Duvall, E. Smith, Evans.

PERSONNEL AND GUIDANCE: LaCoste, Schlauch, Jenkins, Baldwin, Tiffany, Maxson, Quall.

PRESS, PUBLICITY, AND RADIO: Warren, Gray, Anders, Bekowics, Martin.

RELIGIOUS LIFE: Rodgers, Carr, Smith, Yates, Duvall.

SCHOLARSHIP: Quall, L. Waltz, Snyder, Baldwin, Anders, Bekowics, Maxson.

SOCIAL FUNCTIONS: Evans, Waltz, Martin, Boppell.

STUDENT COUNCIL: Student Executive, E. Smith.

STUDENT LOAN: Snyder, Maxson, La Coste, Jenkins, Nix.

RESIDENT COUNSELORS

Miss Mae Whitten.....	East Warren Hall
Mrs. Ina Henefer.....	West Warren Hall
Miss Dorothy Adams.....	McMillan Hall
Mrs. Lillian McEachran.....	Ballard Hall
Mr. Jack Thiessen.....	Whitworth Hall
Mrs. Bessie Ekelmans.....	Nason Hall
Mr. Bill Rusk.....	Washington Hall
Mr. Leon Arksey.....	Goodsell and Lancaster Halls

GENERAL INFORMATION

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 Spokane, Washington. The College is named in honor of one of the outstanding pioneers of the Northwest, Dr. George Whitworth. Following the trail of Whitman, Spaulding, Mecker, 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.

Today after sixty years of splendid achievement Whitworth stands a Christian College dedicated to the great task of Christian education. It continues under the guidance of the Washington Synod of the Presbyterian Church and cooperates fully with the Board of Education of the denomination. For a long period of time it has succeeded in meeting the varied needs of discriminating young people of all denominations who wish to pursue their studies in a Christian atmosphere. Its scholarship is recognized by the larger institutions, and its graduates have consistently maintained high records of scholarship as they have pursued their higher education. Whitworth is primarily a co-educational, liberal arts college, not a university, nor yet a professional school. Its primary purpose is to provide a broad education under conditions which develop Christian character at as low cost 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-professional courses in law, medicine, the ministry, social work, business administration, nursing, etc. A state accredited course is provided for the training of public school teachers.

Whitworth's 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 in 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 a reasonable cost to the student.

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

DOCTRINAL STATEMENT

Whitworth College accedes to the historic faith of Protestantism and stands unequivocally for its fundamental principles. We believe the Scriptures of the Old and New Testaments to be the inspired Word of God and the only infallible rule of faith and practice. We believe in the sovereignty of God, in the deity of Jesus

Christ our only Savior and Lord, in His work of redemption on the cross, and in the Holy Spirit who dwells in every believer as the Spirit of Truth, of Holiness, and of Comfort.

ACCREDITATION AND AFFILIATIONS

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

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

PHYSICAL PLANT

The main buildings of the campus consist of Harriet Cheney Cowles Memorial Library, Science Hall, the Fine Arts Building, Social Science Hall, Grieve Hall, Jay P. Graves Hall, Home Economics Building, Dining Hall, the Edinger Memorial Chapel, McMillan Hall, Westminster Hall, Whitworth Hall, Washington Hall, Goodsell Hall, Lancaster Hall, Nason Hall, Ballard Hall, Warren Hall, and McEachran Hall.

Administrative Offices are located in McEachran Hall.

Library: The Harriet Cheney Cowles Memorial Library completed during the summer of 1948 was a gift from the Cowles family. It is a beautiful brick structure with study quarters which accommodate the needs of the entire student body and the housing of 100,000 books. An auditorium which seats 250 people for lectures is located on the basement floor. Other rooms for visual education, journalism, debate, seminar courses, music listening room, offices, typing room, study carrels for graduate students complete the facilities.

Housing: Nine dormitory buildings provide housing for the students. Ballard, McMillan and Warren Halls provide housing for 288 women.

Whitworth, Westminster, Washington, Goodsell, Lancaster and Nason Halls provide housing for 216 men. On the east side of the campus married students and faculty members occupy twenty-two apartments known as College Homes. Other living quarters for faculty members and families are also provided.

Athletic Plant: A large gymnasium known as Jay P. Graves Hall is the center of the athletic program of the campus. A students' Commons and concession and student offices are also in this building. A natural amphitheater with its view of hills provides a turfed athletic field of unique beauty. This field also offers a quarter mile track and other track facilities. A turfed 3-acre baseball field provides for that sport and others. Five cement and asphalt tennis courts and practice backboard are provided. The archery range is just south of the gymnasium. Space for badminton, table tennis, shuffleboard and other sports is available.

Music: The Fine Arts Building is the center of the music department. The first floor has three large classrooms and a number of practice rooms. The second floor contains one large recital room, offices, and studios for the members of the department.

Home Economics: The Home Economics Building contains a large foods laboratory and storage room. A modern, all electric kitchen is located on the first floor. Certain classes which have outgrown this building are conducted in the basement of the Fine Arts Building. In addition, the Home Management Cottage makes it possible for students to gain practical experience.

Science: Science Hall houses the departments of biology, chemistry and physics. Science Hall is a brick structure with two floors, making ample space for a lecture room, laboratories, store rooms, and offices for the departments of biology and chemistry.

The Dining Hall: The Dining Hall is a solid brick structure and will accommodate 300 students at a sitting. Meals are served family style evenings and cafeteria style mornings and at noon. In the ground floor of the Dining Hall has been built an auditorium for the public speaking department.

Heating Plant: This building provides steam heat for most of the buildings on the campus.

The Health Service Center is located in the central portion of Grieve Hall. It consists of (1) Nursing Arts Laboratory and Nursing Office, and (2) the Infirmary with Waiting Room, Dispensary, and both single rooms and wards for the care of students during illness.

Chapel: Chapel services are held in the Jay P. Graves Hall. A small prayer chapel, Edinger Memorial Chapel, erected by the Philadelphians, accommodates forty students and is used for small religious group meetings and for private devotions. The Tiffany Memorial Church, near the entrance to the campus, is used for many college meetings. This Church will accommodate 450 and has a complete Sunday School Plant in the ground floor.

RESOURCES

The annual report shows that the College has buildings, equipment and grounds valued at \$2,358,000. The operating budget for the academic year is more than \$850,000. Tuition and fees account for approximately 66 $\frac{2}{3}$ per cent of this amount. The rest comes through support of the Presbyterian Church, gifts from friends and alumni and endowment. The living endowment plan plays an important part in meeting the current expenses of the College. Information regarding this may be obtained from the Business Manager's office upon request.

LOCATION

Whitworth College is located just north of the city limits of Spokane in the Country Homes Community. At an elevation of 2000 feet, the campus of 150 acres occupies a site of natural beauty. Forty acres of the area constitute the central campus on which are located its many buildings and athletic facilities.

TRANSPORTATION

A regular bus schedule is maintained between downtown Spokane and Whitworth College. The bus leaves the Spokane depot (Coeur d'Alene Hotel) on the corner of Trent and Howard. This provides a safe and insured method of transportation for students living either on the campus or in the city. Students who find transportation in private cars are taking avoidable risks, for which the College assumes no responsibility. The College strongly recommends that students living on the campus do not bring automobiles.

Students who wish to operate automobiles on campus may do so only when granted this privilege by the Dean of Men.

PLACEMENT SERVICE

A Placement Bureau is maintained to aid graduates of Whitworth College who seek teaching positions. The only charge made for this service is \$2.50 per each year the member wishes his credentials brought up to date and made available for use.

EDUCATIONAL ORGANIZATION

REGULAR COLLEGE YEAR

The regular school year opens in early September and closes not later than June 15. The school year is divided into two semesters of approximately eighteen weeks each. Two vacations, one at Christmas and one in the spring, break the sessions.

Generally a student should plan to take four consecutive years to complete his education. The curriculum is planned with this in mind and deviation from this plan often results in weakening the education of the student.

SUMMER SCHOOL

The summer session extends over a period of six to ten weeks during the months of June and August. It is designed to meet the needs of the following groups:

1. Those wishing to accelerate their program in order to complete a college course in less than the customary four years.
2. Regular college students wishing to remove deficiencies.
3. High school graduates who wish to begin their college work at once.
4. Veterans who are under the "G. I. Bill of Rights" or other federal aid programs for servicemen.
5. Public school teachers who wish to improve themselves professionally.
6. College graduates and others who are desirous of further education.
7. In some departments the work is especially arranged for those who are working for advanced degrees.
8. Those who wish to enter the field of nursing.

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

GRADUATE SCHOOL

Whitworth College offers graduate professional work in education leading to the degree, Master of Education. Students who hold a Bachelor's Degree from Whitworth College, or another accredited college or University, and have had the required undergraduate work in education, may become candidates upon application to the Committee on Graduate Work.

CURRICULUM

The instructional departments of Whitworth College are arranged within five divisions as follows:

- I. Division of Fine Arts
 - Art
 - Music
- II. Division of Health and Physical Education
 - Physical Education
 - Recreational Leadership
- III. Division of Letters
 - Advertising
 - English
 - Greek
 - Journalism
 - Library Science
 - Modern Language
 - Philosophy
 - Religion (including Bible and Christian Education)
 - Speech and Drama
- IV. Division of the Sciences
 - Biology
 - Chemistry
 - Engineering
 - Home Economics
 - Mathematics
 - Nursing
 - Physics
 - Pre-Medical Studies
- V. Division of Social Sciences
 - Business Administration
 - Economics
 - Education
 - History
 - Political Science
 - Psychology
 - Secretarial Science
 - Sociology

FINANCIAL INFORMATION

The college year is divided into two academic semesters and summer school. All bills are payable in advance at the beginning of each semester. A student is not considered registered and cannot be allowed to attend classes until satisfactory financial arrangements have been made with the Business Manager.

GENERAL FEES

A summary of student expenses for one semester is as follows:

	Campus Students	Off-Campus Students
Tuition (12-16) hours	\$210.00	\$210.00
Student Association Fees:		
General Fees	15.00	15.00
Student Union Building Fee	7.50	7.50
Infirmary Fees (Special medications extra)	3.50	Charges as used
Accident Insurance	2.00	2.00
Post Office Box (All students taking 8 hours or more)75	.75
Dormitory Breakage Fee Deposit.....	10.00
(Refundable if no breakage occurs)		

STUDENT ASSOCIATION FEE

The Student Association Fee is charged to all students who register for nine hours or more in any department of the College. The fee is payable in full at the time of registration. The proceeds are used for the support of student publications (Natsihi and Whitworthian), forensics, dramatics, athletic program, and A.S.W.C. social functions, and admittance to all home games free of charge.

CONDITIONS GOVERNING THE EXTENSION OF FINANCIAL CREDIT

All student fees, tuition, board and room are due and payable at the beginning of each semester.

For the convenience of those who desire to make time payments, the college has made arrangements with a company to finance these contracts.

For those using this method, a cash down payment of not less than one-third of the amount due must be made. The balance due will then be included in a contract signed by the student if he is 21 or over, or by the parent or guardian for those under 21. This contract will then be turned over to the company and the remaining payments must be made to them. There is a flat fee of 4% charged by the company for this service.

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.

REFUNDS

1. TUITION, including private instructions in music, speech and art.
In case of withdrawal tuition will be refunded as follows:
Withdrawal before the end of the second week, 85% of the tuition will be refunded.
Withdrawal before the end of the fourth week, 70% of the tuition will be refunded.
Withdrawal before the end of the ninth week, 40% of the tuition will be refunded.
No refunds will be granted after the end of the ninth week.
2. BOARD AND ROOM. In case a student withdraws or moves off campus and secures board and room elsewhere, the charge for board will be refunded on a pro-rated basis. There will be no refund for room rent. Refund for board will not be made for an absence of less than one week.
3. FEES will not be refunded for either partial or complete withdrawal.
4. DORMITORY BREAKAGE FEE deposit is refundable if no breakage occurs.

ALL REFUNDS MUST BE DULY CLAIMED BY APPLICATION TO THE BUSINESS OFFICE THE DATE OF WHICH DETERMINES THE REFUND PERIOD.

BOOK STORE

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

SELF SUPPORT

Whitworth College makes every possible effort to assist young people in obtaining an education. Practically all of the work in caring for the grounds, buildings, and secretarial work is done by the students who must obtain some work in order to help with expenses. 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.

Laboratory Assistantships are available to students majoring in biology, chemistry and physics. Personality, scholarship, technical skill, and financial need will be considered in awarding these assistantships.

Interviews and applications for work are handled through the Student Employment Office.

VETERANS' TRAINING

Whitworth College is approved to provide training under Public Law 346, Public Law 16, Public Law 894, and Public Law 550 in cooperation with the Veterans' Administration. In general, Public Law 346 provides that the qualified veteran may attend college for a period of one year plus the length of his service, not to exceed 48 months, with tuition, books and other ordinary educational expenses paid by the government and in addition, he may receive \$75 per month if no dependents, \$105 per month with one dependent and \$120 per month if more than one dependent.

Minimum subsistence and pension compensation allowances for those training under Public Law 16 range from \$105 to \$115 per month, depending on the degree of disability and number of dependents. Up to date details can be obtained from any regional or field Veterans Administration office. Public Law 894 is a continuation for Korean Veterans of the provisions of Public Law 16 for World War II Veterans. Public Law 550 grants 1½ days of education for each day of active service since June 27, 1950, when other requirements are met. The Veteran taking at least 14 semester hours will receive \$110 if single, \$135 with one dependent, and \$160 with more than one dependent. From this allowance he pays for his own tuition, fees, books, and other expenses.

SCHOLARSHIPS

A limited number of honor scholarships are awarded each year to entering freshmen on the basis of scholarship and promise of leadership.

Twenty freshman scholarships of \$200 are given to graduates of high schools of the northwest who are in the upper 10% of their classes. These scholarships are continuous through the sophomore year.

A limited number of junior and senior scholarships are available to students who have a cumulative G.P.A. of 3.25. Such scholarships must be applied for each year.

Some scholarships are available in the department of music, art, speech, and athletics. These scholarships depend upon proficiency in the activity involved but in no case will be given to a student whose scholarship record will not allow a clear record of admittance to the college. In general music, art, and speech scholarships apply toward private lessons.

Work scholarships for senior or fifth-year men each totaling \$200 per school year, are available through the Spokane Y.M.C.A.-Whitworth College leadership training program. For further explanation of this program see the description of the Sociology Department or write to the head of the department.

In addition to the scholarships that we offer, students may receive similar aid from the church and other organizations.

Before students are given scholarships they must sign the scholarship pledge. Students interested in these scholarships should correspond with the Director of Admissions, Whitworth College.

The Scholarship Committee meets on March 15, April 15, and May 15 to consider applications for the following school year.

Other special scholarships are:

1. The Alaskan scholarship of \$60.00 given to a student who is a member of the Presbyterian Church.
2. The Nellie Shepherd Millard scholarship of \$60.00, appointment made by Mrs. Elton F. Spicer.
3. The Whitworth Bible Class scholarship of First Presbyterian Church, Seattle, Washington, \$150.00.
4. The Esther Weitzman Scholarship, (interest on \$4000) is available annually as a part time tuition scholarship for any worthy student, regardless of race or color, who wishes to come to Whitworth College.
5. R. S. Stevenson Scholarship of \$350.00.
6. Grace A. Stayt Memorial Scholarship Fund (interest on \$6000.00) available annually to a worthy student.
7. Westminster Shorter Catechism College Scholarships of \$100.00. Available to two college freshmen or upperclassmen enrolled for the first time at Whitworth College. They must know perfectly the 107 answers of Catechism. Write for details.
8. Alumni Scholarships: Several Scholarships are available through the Alumni Association. These range from \$100-\$400 and applicants should write directly Mr. Helmuth Bekowies, Executive Secretary of the Alumni Association.

9. Ethel Fairfield White Scholarship Fund (from six to ten tuition scholarships) available annually to worthy students who need financial assistance.

LOAN FUNDS

Hedley A. Vicker Fund	\$ 1560.44
General Scholarship Fund	254.31
Stevens-Swanby Scholarship Fund	439.39
Sarah A. Stewart Fund	275.00
George N. Beard Fund	70.00
Dr. L. N. Williams Loan Fund	2246.11
Elizabeth Hewitt Loan Fund	500.00
Dr. F. T. Hardwick Loan Fund	300.00
The Shadle Loan Fund	15000.00
David and Emma Thorndike Memorial Loan Fund	2000.00
Otis and Elizabeth Merritt Loan Fund (for a Senior only)	100.00
Mr. and Mrs. Franklin Armstrong Loan Fund	600.00
I. W. Thomsen Loan Fund	1000.00

GRANTS-IN-AID

1. For Members of Ministers' Families.

A grant-in-aid on tuition of 25% per semester is available for dependent sons and daughters of ordained Christian ministers. This grant-in-aid is continuous after 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. It does not apply for graduate students.

2. For Upper-Division Students Occupying Churches.

Aid is also given students who are regularly engaged in supplying churches. The same conditions apply here as those outlined above. Does not apply for graduate students.

3. Dependent Sons and Daughters of faculty and staff members receive tuition.
(This does not apply to graduate work.)

TRANSCRIPTS

No transcript of credits shall be granted to any student and no degree shall be conferred until all fees, dues, and other college obligations have been adjusted in the office of the Business Manager of the College.

REQUIREMENTS FOR ADMISSION

BEGINNING FRESHMEN

1. Complete official application form and send to the Director of Admissions.
2. Submit official transcript of high school record together with statement of graduation. (Tentative acceptance can be made after seven semesters of high school work.)
3. Complete at least 16 acceptable units of high school study (or 15 units exclusively of activity credit in physical education) with minimum grade point average of 2.0 in academic subjects (C) and recommendations indicating ability to do successful college work.
4. Include in the above 16 units at least 3 units of English and 6 additional units of academic subjects (English, mathematics, foreign language, social science, physical or natural science).
5. Applicants not clearly satisfying the above requirements may (upon recommendation of the Admission Committee) be permitted to take entrance examinations which, if completed satisfactorily, will allow the applicant probationary or provisional admission for one semester. After the completion of one semester's work, the student's work will be reviewed by the Academic Board, and his continuance will be subject to the action of the Academic Board.
6. Applicants age 21 or over who have not graduated from high school may upon recommendation of the Admissions Committee) be permitted to take entrance examinations which, if completed satisfactorily, will allow probationary admission.

ADVANCED UNDERGRADUATE STUDENTS

1. Complete official application form and send to the Director of Admissions.
2. Submit official transcript record of all college and university work completed or begun, together with a statement of honorable dismissal from the school last attended.
3. Maintain a cumulative grade point average of 2.0 (A=4.0) in all college work as well as the last semester or quarter of study.
4. Evaluation of transferred credits:
 - a. Students who have taken three years of college prior to entering Whitworth may not apply for more than 96 semester hours toward graduation. The last year's work must be taken in residence at Whitworth College.
 - b. Credits transferred from institutions accredited for less than four years will not be accepted in excess of the accreditation of the individual institution concerned. Example: students transferring from a regular junior college may not transfer more than a total of 60 semester hours of college credit.
 - c. Students who present credits earned in unaccredited schools offering specialized instruction are permitted to appeal to the Academic Board for the evaluation of such credits. Advanced credit will be granted only after the student has been in attendance at Whitworth at least one semester and has presented a request for evaluation to the Academic Board which will be followed by an examination given by the department in which credit is being sought. An examination fee of seventy-five cents per semester hour to be validated will be charged. No examination will be given for less than \$1.00.

GRADUATE STUDENTS

1. Complete official Graduate Admissions Application and send to the Director of Admissions.
 2. Submit official transcript record of all college and university work completed or begun together with a statement of honorable dismissal from the last school attended. These records **will not** be returned to the student.
- *Read carefully the provisions listed under Master's Degree.

PHYSICAL EXAMINATION

The college requires each entering student to file a physical examination form in the college office prior to registration. This form may be secured from the Registrar and is to be filled out by the student and his physician.

ORIENTATION DAYS

Freshman days are the four days immediately preceding the beginning of class instruction for the fall semester. This program is directed by the College Administration and the A. S. W. C. Students will find an opportunity to meet other students and become familiar with the campus, traditions, college personnel, etc. Attendance is required.

All Freshmen take examinations at the time of entrance as an aid to subsequent guidance. These examinations include a general psychological test as an index of the student's aptitude for college work, and an English test as a basis for assignment to sections in the course in English Composition. In some cases certain departmental tests may be given for guidance purposes.

A fee of \$2.00 is charged for late registration. Students may not be admitted to the college after the third week of the term except by special arrangements with the Dean of the College.

ORGANIZED ACTIVITIES

STUDENT ORGANIZATIONS

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 stu-

dent, therefore, is expected to become an active member of at least two organizations. 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.

In order to be recognized as a Whitworth College organization a group must have its constitution approved by the student executive board and the faculty. All constitutional amendments and by-laws of the organization must also 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 faculty. 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.

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" admission to games played on the home grounds, a voice in the regulation and promotion of the student association activities, and a copy of the "Natsih" at the student's price. The president and vice-president of this association are chosen annually from the two upper classes of the college. The secretary and treasurer must be sophomores.

The Student Council is the ruling organization of the Student Body. Its membership consists of the Student Executive officers, eleven representatives for the campus students (one from each college-supervised living group, and representatives of off-campus students); the ratio of representation to constituency shall be equal for both campus and off-campus students.

The Student Executive, elective officers of A. S. W. C. and one elective member from the Student Council, represents the student body in conferences with the faculty and administration.

A Student Court handles disciplinary problems among students and is the final authority on the interpretation of the Constitution of the A. S. W. C. It is made up of six judges, two prosecuting attorneys and two court recorders.

These organizations implement the ideal of democracy which exists at Whitworth College.

HARDWICK UNION BUILDING

This project has been undertaken by the associated students, and already blueprints have been drawn up and financial arrangements have been made in anticipation of construction. This building will meet recreational and lounging facilities for the students.

GENERAL STUDENT ORGANIZATIONS

Alpha Chi is the organization of the men students living in the men's dormitories. Life in the halls is governed by this organization.

Alpha Kappa Chi is Whitworth's official club for off-campus students. It exists to promote good fellowship among its members through various activities of the group.

A. M. S. The Associated Men Students. An organization to promote the interest and welfare of all men enrolled in the college.

A. W. S. The Associated Women Students. An organization of all women students to promote the interests and integrate the programs sponsored by the women of the campus.

Sefelo is the organization of the women students living in the women's dormitories. Life in the halls and much of the social life of the group is governed by this organization.

DEPARTMENTAL ORGANIZATIONS

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.

The Engineers Club was organized in the fall of 1946. It encourages fellowship among the engineering students and sponsors field trips, technical motion pictures, professional speakers and discussion programs to encourage their personal and professional growth.

The Future Teachers of America. This is a chapter of the National Future Teachers of America. Its purpose is to "promote and further interest in the teaching profession, and to develop spirit on the part of college students preparing for this profession." Membership in this organization includes junior membership in the Washington Educational Association and the National Education Association. Membership is open to all students interested in entering the teaching profession.

The Pep Band contributes to the life of the college by providing music for games and for many other functions.

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

Ski Club. A group of students organized to promote winter sports on the campus and to provide means during the winter months for trips to the Mt. Spokane skiing area for skiing enthusiasts.

The "W" Club is made up of Varsity award winners in Inter-collegiate athletics. Its chief interests concern the promotion of athletics and recreational activities of the college.

The Whitworth Business Club is composed of majors and minors in the Department of Economics, Business Administration and Secretarial Science, under advisement of the head of the Economics Department. The basic purpose is to develop a relationship between business students at Whitworth and the economic world, and to keep informed on current business and economic affairs.

The Women's Athletic Association is an organization of women who are interested in sports and recreational activities. A member of the association may earn both a block letter and a sweater, depending on the number of points earned.

To stimulate further interest in athletics, W.A.A. sponsors varsity teams in tennis, archery and basketball. In addition this organization promotes an intramural program in basketball, baseball and volleyball.

The main social events consist of a Gypsy Feed in the fall, a waffle breakfast during the winter and in the spring the initiation of new members, which is an overnight retreat.

The Writers Club is an informal group of those interested in creative writing which meets monthly.

HONORARY STUDENT ORGANIZATIONS

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

Intercollegiate Knights is made up of men on the campus who have been of outstanding service. This is a chapter of the national Intercollegiate Knights organization.

The Pirette Club is made up of women students of the Sophomore, Junior and Senior classes, who have high scholarship and have made outstanding contributions to the extra-curricular program of the college. They are selected for membership by the Student Council.

Phi Alpha is the honorary scholastic organization of the college. Seniors who have attended Whitworth College for one year and have maintained a 3.5 G.P.A. may be elected to active membership, while juniors may be elected to associate membership.

Beta Beta Beta is a national biological honorary organization for biology students who have maintained in their first four semesters of work, a cumulative grade average of 2.7 in addition to a 3.0 average in the biological sciences. The local chapter is Epsilon Kappa. Its purpose is to stimulate sound scholarship, to promote the dissemination of scientific truth, and to encourage investigation in the life sciences.

RELIGIOUS LIFE

Chapel is held three times a week and is a required service. Worship is emphasized as an important part of the service. While the exercises are usually devotional the chapel hour is also employed to bring before the student body the best speakers that can be procured on missions, sociology, evangelism, and kindred topics. Because of our proximity to the city of Spokane the students have the privilege of hearing a number of distinguished speakers during the year.

Christian Activities Council. The Christian activities of the campus are coordinated under the direction and leadership of the Christian Activities Council which consists of the presidents and vice presidents of certain religious organizations on the campus, appointed by the executive council of A. S. W. C. Among their responsibilities are: the organization and supervision of gospel teams, the supplying of Sunday Church School teachers and other volunteer workers in the nearby churches, assisting in the plans for Spiritual Emphasis Week, and the sponsoring of the daily prayer meeting which is held at 7:45 each week day morning.

Christian Endeavor. A very large and active Christian Endeavor society, which is one of the organizations of the Associated Students of Whitworth College, holds one all-student service each week. It sponsors at 7:00 each Wednesday night the all-college mid-week service. These services are conducted by student leaders and offer opportunity for the development of religious leadership.

Church Services. Sunday Church school and morning worship services are held regularly every Sunday morning on the campus in the Tiffany Memorial Chapel. Many students and faculty members join there with the people of surrounding community in the services of the Whitworth Community Presbyterian Church. Many of the churches of the city offer opportunities for worship and service to our students. Following the evening meeting of Westminster Fellowship there is an all-college vesper service at 7:30. At this time leaders of churches throughout the entire Northwest are brought to the campus.

Life Service Club. The women students who are planning to go into one of the vocations of the church are organized for the same purpose as the Philadelphians. Regular weekly meetings are held.

Men's and Women's Conferences. Two outstanding annual events are the Bible conferences sponsored by the Women's Conference Committee, and the "W" Club. The planning and leadership of the conferences is in the hands of the above-named student groups which bring outstanding Christian leaders and teachers to these meetings. These conferences are well-attended and have a definite influence on the spiritual life of the campus.

Philadelphians. Young men who are preparing for church vocations are organized for fellowship and the consideration of mutual problems and of opportunities for service.

Spiritual Emphasis Week which is observed annually in mid-November is jointly sponsored by the Administration and the Associated Students of Whitworth College. An outstanding Christian leader is brought to the campus each year who conducts morning and evening services each day of the week, and has opportunity to meet and counsel with a large number of students.

Spiritual Advance Days are held each spring and are sponsored by the Christian Activity Council, with the Philadelphians and Life Service Clubs cooperating. An outstanding Christian leader is invited to the campus for a series of messages and to offer personal guidance to anyone desiring it.

Westminster Fellowship is the official youth organization of the Presbyterian Church, U. S. A. It meets each week and furnishes an excellent opportunity for the many Presbyterian young people on the campus to participate in a denominational program and to become better acquainted with the various organizations of their church.

EXTRA CLASS ACTIVITIES

Many opportunities are given to Whitworth students both to participate in and to enjoy activities apart from academic work. These have proved very valuable to students in their all-around development. Whitworth encourages each student to develop interests in some forms of activity.

College Publications. Student publications are under the direction of the Associated Students of Whitworth College through the publications council.

The Whitworthian, the organ of the student body, is published weekly. Any student is eligible to serve on the staff.

The Natsihi, devoted to recording the major activities, classes, clubs, etc. of general college interest, is the annual publication of the Student Body.

The Whitworth College Bulletin, with a mailing list of 8,000, is a bi-monthly publication of the Administration. It presents items of interest to the many friends of Whitworth College. The bi-annual catalog is presented as one of the issues of this Bulletin.

Other departmental bulletins, booklets and pamphlets are printed as the need arises. This includes the annual summer school bulletin.

Dramatics. Under the supervision of the department of speech and drama, several full-evening programs of plays are presented each year. Each student, whether enrolled in any speech course or not, is given opportunity to try out and participate. Whitworth has a chapter of Alpha Psi Omega, a national dramatic honorary fraternity on the campus. Membership comes through active participation in college productions.

Physical Education and Athletics. The Whitworth program affords opportunity for the student to increase or develop his interests and abilities in physical education as a career or as an avocation.

The general program includes experience for men, both inter-collegiate and intra-mural, in football, basketball, baseball, track, tennis and golf.

Whitworth college is a member of the Evergreen Conference offering to men inter-collegiate competition in six different sports.

Women engage in basketball, softball, tennis, archery, volleyball, swimming, badminton, and rhythmic activities.

Physical education is required of all freshmen and sophomore students. Many courses are given in the physical education department as elective for any student.

Music. The general program of the music department provides experience in such organizations as chorus, a cappella choir, band, orchestra as well as small instrumental and vocal ensembles. Opportunity for travel as well as participation in broadcasts over major radio stations of the Northwest is afforded these organizations.

Forensics. General activities in this field, in order to obtain experience in inter-collegiate competition, include debate, extempore speaking and oratory. These activities are under the direction of the department of speech but not limited to those in the department.

ADMINISTRATIVE POLICIES

DORMITORY REQUIREMENTS

Single students not living in their own homes and under the age of 21 are required to live in the college dormitories unless they obtain permission of the committee on personnel. Application for such permission must be made on forms secured from the Dean of Men or the Dean of Women.

Off-campus students may live only in approved residences which must be properly supervised and approved, and in no case will men and women students be permitted to live in the same building.

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

Each dormitory student is expected to supply himself with the following: towels, linen and bedding for single beds, curtains (draperies will be furnished in Warren Hall), 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 an inexpensive service for flat work is available through local laundries. All linen and clothing should be plainly marked with name tapes.

Radios and other appliances using electricity must be registered with the resident counselor. 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. The use of inflammable cleaning materials is prohibited in all college buildings because of the fire hazard.

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

Overnight guests in the dormitories are to be entertained only on weekends and permission is to be secured from the resident counselor. Hosts are responsible for payment for their guest's meals, for which arrangements must be made with the Dining Room Hostess.

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

The college dining room will be open for new students Monday evening before Orientation Days and closed after luncheon on Commencement Day. 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 Room and Board do not cover these vacations.

Freshman women desiring to stay overnight off the campus are required to have written permission from parents for each occasion.

Because of the hazards of automobile travel, the College does not grant leave for women students under twenty-one years of age to travel by car beyond the boundaries of Washington and Northern Idaho, except upon receipt of written permission of parent or guardian.

DISCIPLINE

The Administration of Whitworth College reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable and without assigning any further reason therefor; neither the college nor any of its officers shall be under any liability whatsoever for such exclusion.

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

Students are expected to inform the Registrar upon withdrawal from school. Unless this is done, the student will lose his privileges of registration and forfeit his right to a clear transcript of credits and honorable dismissal.

HEALTH SERVICE

A Student Health Service is provided by the College for the protection of the well and the care of the sick. This service is under the direction of the School Physician and the Director of Nursing Education, and registered nurses. An Infirmary with facilities for the care of men and of women is maintained. Any student is entitled to four days care in the Infirmary each semester. In excess of this time a fee of \$1.00 will be charged per day. Students who are not paying room and board at the college may receive care in the Infirmary if so advised by the Infirmary Staff at the rate of \$2.00 per day plus meals. Special medicine and prescriptions are furnished at cost.

The Health Service does not offer treatment for major illnesses. Chronic illnesses of a serious nature, or illness involving surgery or hospitalization can be taken care of in the hospitals of Spokane at the student's own expense. The College reserves the right to send any student to a specialist or to a hospital for care, when the Health Service Staff deems it necessary.

Physical examinations are required of all students before entering the College. Micro-film chest X-rays are made possible by the cooperation of the Spokane County Health Department while on the campus.

Accident insurance amounting to a maximum of \$500 medical expenses and \$1,000 death benefit is furnished each student while taking part in any organized school activities in his own school or while traveling with organized school groups. Students will be given a form showing itemized coverage upon request. The school is not held responsible for any charges in excess of the amount allowed by the insurance company. All accidents must be reported to the college nurse within 24 hours.

Students have the opportunity for consultation with the School Physician and other members of the Health Staff who hold regular office hours in the Infirmary. This service is maintained by the College. If a student obtains medical aid from outside sources he must provide for the expenses involved.

Dispensary care only is given during summer school. The Infirmary is closed during regular school vacations.

PERSONAL PROPERTY REGULATIONS

College property damaged by students will be replaced from the student's dormitory Breakage Fee Deposit. In case the breakage exceeds the deposit fee the student will be charged with the balance.

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

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.

Guns are not permitted on the campus without the consent of the Dean of Men or Dean of Women.

RELIGIOUS LIFE AND ACTIVITIES

It is the purpose and desire of the administration to give such leadership to the religious life on the campus that it is both helpful and inspirational and thoroughly Christian. Numerous organizations and activities are provided to aid in the development of such a standard of life.

SOCIAL LIFE

The social life on the campus is under the general direction of the ASWC Social Committee made up of a representative from each class with the student body vice-president as chairman. A great many social events are held during the year, including Freshman Week Activities, Home Coming, Hanging of the Greens, Snow Frolic, Costume Party, Spring Banquet, Beefsteak Breakfast, and the May Festival. Many other affairs are held by the classes, dormitory groups, and other organizations. Social dancing and playing cards are not permitted at Whitworth.

STUDENT CONDUCT

Whitworth College seeks to inspire in its students a high standard of conduct on the basis of Christian ideals. Students are expected to show proper respect for the college, its regulations and properties, and to respect the rights of others, both off and on the campus. Students shall not use intoxicating liquors at any time and the use of tobacco upon the campus is prohibited.

ACADEMIC REGULATIONS

ACADEMIC LOAD

Fifteen to sixteen hours, exclusive of physical education, is the normal schedule. An average grade of 3.25 (B plus) in the preceding semester is required for an eighteen hour schedule. A request for such a schedule must be made to the Academic Board. A failure in any one course in any semester will lead to a reduction of a student's schedule in the succeeding semester.

Students wishing to audit certain classes may do so provided that they register for the course as an audit, and provided that they take into consideration that one-half the hours audited will count towards the total load being carried. The amount charged for auditing a course will be found under fees.

Students finding it necessary to work part time while attending college are expected to reduce their academic load in accordance with the following:

Those working from 1-2 hours per day, may take 15-17 semester hours.

Those working from 3-4 hours per day, may take 14 semester hours.

Those working from 5-6 hours per day, may take 8-12 semester hours.

Those working from 7-8 hours per day, may take 6-8 semester hours.

Any student desiring to enroll for more hours than the above schedule would permit must petition the Academic Board for permission.

Part-time work may be defined as any work which requires part of the student's time for which he receives remuneration, such as: office work, janitor work, regular church work, assistant pastors, choir directors or similar positions.

Foreign students who plan to work must secure written permission from the immigration office. Forms must be approved by the Registrar.

ATTENDANCE—ABSENCES

Regular attendance is required in all classes and at all college chapel and assembly periods. Class attendance is kept by the individual instructors and absences will be reported to the Dean's office.

Voluntary absence from class or laboratory is a distinct loss to the student and will be considered in the preparing of grades.

Students finding it necessary to be absent for a period of two days or for an individual class should, when possible, make arrangements with the Instructor before the absence, if not before then as soon as possible following. Should the absence require more than two days such permission should be secured from the Academic Board.

If the total number of a student's absences (excused and unexcused) exceeds three times the number of class hours per week, registration in that course may, at the discretion of the instructor and the Academic Board, be cancelled and the student's grade becomes an "F." Chapel absences are treated in the same manner as class absences and a grade of "S" or "F" will be recorded at the close of the semester, determined by number of chapel absences. The Academic Board reserves the right to drop from college any student at any time whose record warrants such action.

Grade cuts for unexcused absences are to be the responsibility and at the discretion of the individual instructor.

Students who have unexcused absences prior to or following a holiday period will receive Double Zero's for the classes missed.

CLASSIFICATION

A student's classification is determined at the beginning of each semester according to the following plan:

Sophomore	28 semester hours and 56 grade points.
Junior	60 semester hours and 120 grade points.
Senior	90 semester hours and 180 grade points.

Students are classified in the annual catalog according to the classification requirements of the beginning of the second semester.

CHANGE OF CLASS SCHEDULE

A student may not withdraw from any class or change his registration from one class to another without written permission. Such changes must be filed with the Registrar and have the approval of the Instructor whose class is being dropped, and one whose class is being taken up, and the approval of the Registrar. All approvals must be in writing on the official "Change of Enrollment Form." A student withdrawing from a class after the third week of a semester must be passing in each course from which he seeks a withdrawal or receive an "F" in the course he drops. No student may withdraw from classes three weeks prior to the end of the semester and receive a "W" except such withdrawal has the approval of the Academic Board. Courses cannot be added to a student's schedule after the third week of the semester.

ELIGIBILITY REQUIREMENT

To participate in any organized extra-curricular activity held on or off the campus or to represent the college or any organization in a public way, a student must be regularly registered and making passing grades in at least twelve hours of college work.

No student on probation or suspension, and no student with outstanding conditions on previous quarter's work, may represent the college in any public event or hold any elective or appointive office.

EXAMINATIONS

Freshmen. All freshmen take examinations at the time of entrance as an aid to subsequent guidance. These examinations include a general psychological test, a personality test, vocabulary test, and an English test which is used as a basis for assignment of the student to the proper section of English Composition.

Final. Final examinations are given in all subjects at the close of each semester. Students who for reasons of illness or necessity find it impossible to report for a final examination may petition the Academic Board for permission to take a make-up examination. In no case will the examination be given in advance of the scheduled time. A final examination is required in all courses other than research courses.

Scheduled. Examinations which have been regularly scheduled must be taken at the time set. Failure to comply with this regulation means that the student must secure permission from his Instructor to take a make-up examination. This make-up examination, if permitted, will be given through the Registrar's office and a fee of \$1.00 will be charged.

Validating. Validating examinations are given at scheduled times for the benefit of students who have had a given course and can show proof of having had the course for which they have no transferable credit, provided that the course corresponds to one offered at Whitworth College. (See validating credits for further information.) Such examinations will cost the student a fee of 75 cents per credit hour received and cannot exceed \$10.00 for any one course. No test will be administered for less than \$1.00.

Students seeking to validate certain credits must make application for such validation during the first semester of residence and examinations for such validation must be completed before the end of the first year of residence.

FAILURES

Parents or guardians of freshmen students under 21 years of age will be notified of unsatisfactory or failing work at the end of each semester unless the student has filed evidence that he is self-supporting or a veteran.

A student will be requested to withdraw from the college whenever his record is considered unsatisfactory by the Academic Board according to the regulations listed above.

FIELD TRIPS

No field trips are to be scheduled three weeks prior to the close of either semester.

GRADES AND GRADE POINTS

Grades are given and recorded as follows: A is 100-96; B, 95-88; C, 87-78; D 77-70; W, Withdrawal; S, Satisfactory without grade; F, Failure; I, Incomplete; and an "n" after a course signifies that the course is hyphenated, and no credit will be given until the second semester's work is completed. S, signifies satisfactory chapel attendance.

An Incomplete is given only in cases of excused absences, illness, etc., and must be made up within six weeks from the time it became due. At this time the final grade is recorded as turned in by the faculty member.

In order for the student to remain in good academic standing he must earn at least twice as many grade points as he has hours. Grades carry the following grade point equivalents for each academic hour pursued: A, counts 4; B, 3; C, 2; D, 1; W and F, 0.

HONORS

Four classes of honors are recognized at Whitworth College.

1. Semester Honors: Granted to students carrying at least fourteen semester hours of work and making a grade point average of 3.25.
2. Class Honors: The class receiving the highest general average for the semester will be entitled to receive the W. L. McEachran Class-Trophy to hold for the succeeding semester.
3. Dormitory Honors: Recognition is made of dormitories who have maintained high scholastic averages.

4. Graduation Honors: A student who has been in attendance at Whitworth College for two of his four college years is eligible for the following honors: *cum laude* if he has earned an average of three and three-tenths grade points; *magna cum laude* if he has earned an average of three and seven-tenths grade points; and *summa cum laude* if he has earned an average of three and nine-tenths grade points. The requirement is based on the total of 124 semester hours required for graduation.

INVESTITURE

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

LOWER AND UPPER DIVISION WORK

Courses are divided into lower and upper division work. The lower division subjects, those numbered in the catalog from 1-49, consist of foundation courses designed primarily for freshmen and sophomores. Lower division students are not permitted to enroll in upper division courses without permission from the Dean and from the Head of the Department in which the student seeks enrollment.

Upper division courses, those numbered from 50-100, presume the satisfactory completion of foundation courses and are intended for junior and senior students only. A minimum of forty semester hours in upper division courses is required for graduation. The graduate courses are numbered 100 and above.

Students of upper division standing enrolling for lower division courses will be expected to do additional work to be determined by the instructor. They can not register for more than one-third of their scheduled hours on the lower division level unless by permission of the Dean or the Registrar.

Courses numbering from 1-29 given on lower division level cannot under any circumstances be raised to upper division level by additional work.

PERSONNEL AND GUIDANCE

The College has the desire to give each student a definite plan of guidance. To accomplish this, incoming freshmen are assigned to specific members of the faculty who serve as curricular counselors throughout the freshman year and until such time as the student has elected his major, when the head of his major department becomes his advisor. The Counseling and Guidance Office cooperates with each department of the College in the matter of the giving of various personality, vocational interest, and subject aptitude tests as the demand by individual students. The Office establishes certain hours during each week in which personality problems, assistance in the choice of college majors, and vocational direction are given. Specialized counseling in various fields is referred to department heads and faculty members. Additional counseling is carried on through the offices of the Deans.

PROBATION AND DISMISSAL

A student who is not doing satisfactory work at the close of any semester is placed on probation. Probationary status applies for the one succeeding semester.

Freshman: A student must maintain a 1.75 grade point average or he will be placed on probation.

Freshman students who at the close of their first semester's probation fail to obtain their average will be dropped.

Sophomores, Juniors, or Seniors, must maintain a 2. grade point average. Should they fail to maintain this average at the close of their first semester's probation they will be automatically dropped.

Seniors: Any senior who has completed the required number of credits for graduation but who has been placed on probation for low scholarship at the end of his first or last semester of his senior year shall not be permitted to file application for his degree until such time as his probation has been removed.

Probationary status for special students will be considered individually by the Academic Board.

The above action becomes effective automatically unless in the judgment of the Academic Board the probation should be extended.

The Academic Board reserves the right to drop from college any student, at any time, whose record warrants such action.

Students being placed on probation must limit their academic load not to exceed twelve hours.

A student on probation shall be ineligible to represent the college in any public appearance or to hold a major office.

REGISTRATION

Fifteen to sixteen semester hours is a normal academic load.

The Freshman-Week program, testing program, and registration will be held on Tuesday and Wednesday of Orientation Week in September. A special program for freshmen is arranged, psychological tests and placement tests are given. The administrative officers of the college and the faculty are available for conferences with freshman students at this time.

Sophomore, junior and senior registration takes place on Wednesday afternoon and Thursday of Orientation Week, at which time formal registration of all students is completed.

A fee of \$2.00 is charged for late registration, after the second week of the fall semester.

Students may not be admitted to the college after the third week of the semester except in special cases where the approval of the Academic Board has been given and a reduction in credit hours is made in each individual course.

DEGREES AND REQUIREMENTS

Whitworth College offers courses of study leading to the degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Education and Master of Education.

REQUIREMENTS FOR BACHELOR OF ARTS AND SCIENCE DEGREE

1. To receive a Bachelor of Arts or Bachelor of Science degree a student must have satisfactorily passed 124 semester hours of work (including 4 semester hours of physical education). If for satisfactory reasons the physical education requirement is waived the additional hours must be taken in some elective field. The student must have accumulated a total of 248 grade points, equivalent to a grade point average of 2, or a "C" and have maintained the same grade point average in his major and minor fields.

DIVISIONAL REQUIREMENTS

Each of the divisions constitutes a field of concentration. A minimum of 40 semester hours including the major requirement must be completed in the field of concentration containing the major subject.

MAJORS AND MINORS

The student must select a major course not later than the close of the freshman year. A major shall consist of not less than 28 semester hours and not more than 50 semester hours (in the case of music 60 semester hours will be accepted) in any one department. The student must also select at least one minor 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 semester hours. The requirements for both majors and minors are set forth in the departments where the offerings are listed.

In the case of transfer students, 6 hours of the major must be taken at Whitworth College, unless the requirement is waived by the Academic Board and has the approval of the major department.

Individual study may be undertaken only by students in the Senior student 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 the Dean of the College.

GENERAL GRADUATION REQUIREMENTS

1. English Composition—6 hours (to be taken during the freshman year).
2. Physical Education and Personal Hygiene—5 hours (Personal Hygiene to be taken during freshman or sophomore year and two hours a week of physical education activity classes to be taken throughout freshman and sophomore years).
3. Science and Mathematics—8 hours. (Of the 8 hours required, at least 4 must be in laboratory science).
4. Social Science—6 hours. (This may be taken from any of the following fields: economics, history, political science, or sociology.)
5. Public Speaking—2 hours. (Fundamentals of speech must be taken in the freshman or sophomore year unless the student wishes to satisfy the requirement of examination in which case this must be done during the freshman year, or first year of residence.)
6. Foreign Language (Department Requirement.) Departments requiring foreign language will work under the following plan:
 - (a). The ability to pass a proficiency examination in one foreign language or to meet the following requirements:
 1. If a student has had two years of a foreign language in high school and can qualify for intermediate language then he need only take one year in college, or 6 hours.
 2. Students who have had no previous foreign language will be required to complete two years, or 14 hours.
7. Bible—8 hours. (Six hours must be in Bible Literature, two hours may be taken in Christian Education or Religion during the junior or senior year provided that four hours of Bible have been completed. One course must be taken in each year of residence regardless of graduation plans.)
8. Orientation—(Non-credit course required of all freshmen.)
9. General Psychology—3 hours (Required in freshman or sophomore year.)
10. Upper Division courses of at least 40 hours to be completed in the junior and senior years.

RESIDENCE

Transfer students must have earned at least twenty-eight hours in residence at Whitworth College.

Students transferring in their senior year must complete at least twenty-eight hours regardless of the total number already completed.

The student's last semester's work toward a baccalaureate degree must be taken in residence at Whitworth College except in cases of pre-medical, pre-technological, pre-nursing and pre-law students who may find it possible to use their professional school credits in lieu of their senior year.

EXTENSION CREDIT

A limited amount of extension credit is acceptable towards a degree, but only when general requirements have been met and after the student has satisfactorily completed one year in residence at Whitworth College.

No resident student may take an Extension course without the consent of the Dean and the Registrar.

ATTENDANCE AT COMMENCEMENT ACTIVITIES

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

No student will be permitted to appear at graduation or participate in senior events who has not completed the required work for a degree.

VALIDATING CREDITS

Students transferring from other institutions who wish to validate certain courses must make application to the Academic Board for such validation during the first semester of their attendance at Whitworth College and the courses must be validated during the first year of residence.

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 state certification.
3. Has thirty semester hours of residence work at Whitworth College beyond the bachelor's degree.
4. The course schedule must have the approval of the Department of Education.

MASTER OF EDUCATION DEGREE

The general requirements for the degree follow:

1. The filing of an application together with an official transcript of record must be forwarded to the Dean of the Graduate School. The work presented for admission must include a minimum of 16 hours of education.
2. A Bachelor's Degree must be held from an accredited college or university with a grade point average of three or above (B) in his upper division work. A candidate with a lower average who shows promise of success may be admitted, on probation, by action of the Graduate Committee but he will be dropped if his grades in graduate work fall below a three point average.
3. A minimum of 30 semester hours of graduate courses will be required with a grade point average of three.
4. The work for the Master's Degree must be done in residence, and if the candidate expects to complete this work in one year, he must be able to give his whole time to it. If the whole of his time cannot be given, the period of preparation must be extended accordingly. All work, including the thesis and/or educational study when required, must be completed within a five-year period.
5. Two semesters of residence (24 semester hours) at Whitworth is required. A transfer of not more than six semester hours from other institutions is allowed.
6. Each candidate shall elect one of the three degree programs. When a student elects Plan I or II, a committee of two faculty members is appointed by the Graduate Committee to assist and direct in the student's research. Before selecting a research topic the student must obtain credit in Education 200, Thesis (Methodology of Research).
7. Not later than three weeks before the commencement, at which the candidate expects to receive a graduate degree, he must present four bound copies of his completed thesis or educational study and he must appear before the Graduate Committee, which may be enlarged by additional members, for a comprehensive oral examination. If Plan III is chosen, the candidate must pass a comprehensive written examination.
8. The Master's Degree will be conferred only at the end of the regular academic year. Any student finishing his work during the summer must return the following spring for graduation exercises.

For further information regarding the Graduate Program, for copies of the Graduate Bulletin, and the current schedule of Graduate classes, address DIRECTOR OF ADMISSIONS, WHITWORTH COLLEGE, SPOKANE, WASHINGTON.



College Chapel



10706 VIA BERNARDI RD
10706 VIA BERNARDI RD

Football Crowd

DESCRIPTION OF COURSES

Departments are arranged in alphabetical order under each of the five divisions. The list of courses numbered from 1 to 20 are courses open primarily to Freshmen, and courses from 1-49 are open to Sophomores. These are designated as lower-division work. The courses listed as 50 or above are open in most cases only to Juniors and Seniors and constitute upper-division work. The courses listed as 100 or above constitute graduate work. The term "hour" means a semester hour of credit. Laboratory courses involve from two to three hours of laboratory work for one semester hour of credit. The administration reserves the right to withdraw any course when the enrollment does not warrant its continuance.

Division of Fine Arts

ART

Mr. Kochler

Mr. Larson

Mr. Keys

The following courses for the regular Fine Arts Major required for graduation are: 1-2, 7-8, 21-22, 24, 25, 34, 36, 45, 51-52, plus 18 hours of electives in Art. A total of 44 hours.

The following courses are required for Fine Arts Minor: 1-2, 7-8, 25, 45, 55, plus 10 hours of electives. A total of 24 hours.

The following art courses are required for graduation in commercial art: 1-2, 7-8, 25, 26, 34, 37-38, 41-42, 45, 61, 62, 63, 71-72, 78 plus 4 hours of art electives. Those majoring in commercial art should minor in advertising, which includes Advertising 48-49, 50, 70 and Journalism 40. Commercial art majors should meet their science requirement by including Physics 8 and 68.

A commercial art minor shall consist of art courses in: 5, 25, 26, 34, 41-42, 71-72. Those wishing to major in advertising, please see page 54.

The Art Department of Whitworth College offers a non-degree course in Commercial Art. The Commercial Art subjects listed below are regularly approved subjects: Art 1-2, 7-8, 21-22, 25, 26, 34, 35, 37-38, 41-42, 51-52, 61, 62, 63, 65-66, 71-72, 78, 85-86, 91-92, 95. These courses may be taken through the Art Extension.

Students working toward the General Teaching Certificate in the State of Washington and choosing the field of Art from the broad area of Fine Arts and Applied Arts must complete a total of 24 semester hours including the following: 1-2, 7-8, 25, 45, 50, 55.

All courses listed except 36, 44, 45, 50, 55, 77, 79, 82, may be taken through the Whitworth College Art Extension service which is held in the downtown studios of Mr. Keys. For information see Mr. Keys, Mr. Kochler or the Registrar.

PRIVATE LESSONS: Private lessons are arranged at the regular college rates listed in the catalog. A lesson consists of one lesson per week per semester of 2 hours in length, or two lessons per week per semester each of which is 2 hours in length. Catalog numbers are used merely to designate the subject field of the student. Preceding the number will appear a letter A standing for Applied Art.

Courses listed here and taken from Mr. Keys may be taken for from 1-4 semester hours each after consultation with the Art Department.

Foreign language is recommended but not required for all Art majors.

A suggested outline for Art Majors includes the following:

FRESHMAN YEAR

First Semester

Second Semester

	Hours		Hours
Beginning Drawing	2	Beginning Drawing	2
Beginning Design	2	Beginning Design	2
Lettering	2	Poster Design	2
English Composition	3	English Composition	3
Bible	2	Personal Hygiene	1
Fundamentals of Speech	2	Physical Education	1
Physical Education	1	General Psychology	3
Electives	2	Electives	2

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Introduction to Painting	2	Introduction to Painting	2
Figure Sketching	2	Figure Drawing	2
Art Electives	2-4	Contemporary Art	2
Social Science	3	Bible	2
Science	4-5	Science	4-5
Physical Education	1	Physical Education	1
		Electives	2
	<hr/> 15-17		<hr/> 15-16

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Creative Painting	2	Creative Painting	2
Art Electives	4	Bible	2
Social Science	3	Electives	7
Electives	6	Art Electives	4
	<hr/> 15		<hr/> 15

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Painting and Composition	2	Painting and Composition	2
Bible	2	Art Electives	4
Art Electives	4	General Electives	9
General Electives	8		<hr/> 15
	<hr/> 16		

Note: A minor must be selected from the elective hours.

ART COURSES

- 1-2. BEGINNING DRAWING** Two hours each semester
Introduction to drawing, use of perspective, function of light in the expression of form, and the development of rendering techniques.
- 5. BASIC DRAWING AND DESIGN** Four hours first semester
Introduction to drawing, use of perspective, and a study of the principles of Art relating to their function and application (this is a combination of Art 1 and 2 for Advertising majors).
- 7-8. BEGINNING DESIGN** Two hours each semester
A study of the underlying principles of all Art, their function and their application.
- 21-22. INTRODUCTION TO PAINTING** Two hours each semester
A study of the painting craft with emphasis on the use of color and composition.
- 25. LETTERING** Two hours each semester
Principles of design applied to good letter form and alphabet types. Emphasis on lettering techniques.
- 26. POSTER DESIGN** Two hours each semester
Development of lettering techniques and layout design for display advertising.
- 34. FIGURE SKETCHING** Two hours first semester
Development in the skill of rapid drawing of the figure from the model in many short poses suitable to fashion drawing and illustration.

35. **FIGURE DRAWING** Two hours
A careful study of the human figure from the model. Some study of anatomy.
36. **INTRODUCTION TO CRAFTS** Two hours
Offered to P.E. majors, Home Ec. majors, and anyone interested in craft work as an avocation or in physio-therapy or youth work of any kind. Required of Art majors and minors.
- 37-38. **PRODUCTION ASSEMBLY ILLUSTRATION** Two hours
Industrial application of Technical drawing for reproduction in catalogues for various defense industries. Prerequisite 1 and 2.
- 41-42. **COMMERCIAL ART** Two hours
Application of Art principles to commercial problems of layout in the advertising field.
44. **INTRODUCTION TO SCULPTURE** Two hours
Methods of working in clay, casting and carving in various mediums.
45. **CONTEMPORARY ART APPRECIATION** Two hours second semester
A survey of the contemporary arts of architecture, sculpture, painting, industrial and applied design. A lecture course.
46. **INTRODUCTION TO CERAMICS** Two hours
An introduction to ceramic art and methods of producing various types of pottery, firing, and glazing.
50. **ART EDUCATION METHODS** Two hours each semester
This course is designed for non-art majors and for those who are interested in elementary school art. It is designed to show the prospective teacher methods of organizing materials and the effective presentation.
- 51-52. **CREATIVE PAINTING** Two hours each semester
Advanced problems in the more creative aspects of painting. Emphasis is on composition.
55. **WORLD HISTORY OF ART** Two hours second semester
Survey of all the arts from ancient times to the 20th century and their influence on modern art expressions.
61. **COMMERCIAL ILLUSTRATION** Two hours
Techniques in preparing illustrations in mediums suitable for reproduction commercially.
62. **ILLUSTRATION** Two hours
Illustrations done in lithography, etching, block printing, etc. A course in print-making of various types and their use in advertising.
63. **FASHION ILLUSTRATION** Two hours
Processes of producing fashion drawings for commercial reproduction.
- 65-66. **PAINTING AND COMPOSITION** Two hours each semester
Advanced study of the problems of picture making. Emphasis is on composition.
- 71-72. **ADVANCED COMMERCIAL ART** Two hours each semester
A technical study of commercial problems of reproduction. Silk screen process, airbrush, retouch, etc.
77. **ADVANCED SCULPTURE** Two hours
Advanced study of stone carving, wood carving, clay and plaster molding.
78. **AIR BRUSH TECHNIQUE** Two hours
A course designed to develop skill in the airbrush phases of art requiring airbrush technique.
79. **ADVANCED CERAMICS** Two hours
A continuation study of Art 46.

82. **CRAFTS** Two hours
A continuation of Art 36.
- 85-86. **ADVANCED PAINTING TECHNIQUES** Two hours
An advanced study of painting for Art majors only.
- 91-92. **ADVANCED COMPOSITION** Two hours
An advanced study of the problems of composition.
95. **ART PHOTOGRAPHY** Two hours
A study of the relationship of Art and photography and the application of the principles of design to photography. Also experimentation in unusual lighting effects and non-objective approach to photographs.

MUSIC

Mr. Anders Mrs. Carrel Miss Heritage Mr. Carlsen
Mrs. Waltz Mr. Martin Mr. LaFond

Courses are offered leading to the B.A. Degree in Applied Music (piano, organ, voice, strings, woodwinds, and brass), Sacred Music, and Music Education.

In the field of Music the following majors and minors are offered:

APPLIED MUSIC

To be recommended for a B.A. Degree in Applied Music, a student must secure the minimum of 16 semester hours in applied music (including recital) and 29 semester hours in theory, public performance and ensemble music, including the following courses: Music 7, 8, 35, 36, 61, 71, 72, and the remaining elective hours in ensemble. Special requirements include the following courses: Physics or Acoustics, Foreign Language.

To be recommended for a minor in Applied Music a student must secure a minimum of 28 semester hours including the following courses: Music 7, 8, 61, 62, 71, 72, and 6 elective hours in ensemble.

To be recommended for an Academic Minor in Music, a student must secure a minimum of 18 semester hours, including the following courses: Music 20 and 50, plus 4 hours of Applied Music and 9 hours of music electives.

MUSIC EDUCATION

To be recommended for a B.A. Degree in Music Education a student must secure a minimum of 31 hours in Theory and Music Education, including the following courses: Music 7, 8, 35, 36, 56, 57, 58, 59, 60, 61, 62 and 23 hours in applied and ensemble music (including Music 71 or 72) 8 hours of which must be in the major performing media and 4 hours in Fundamental Techniques. Special requirements: Physics 9, Education 25, 32, 95.

To be recommended for a minor in Music Education with emphasis on Choral Conducting a student must secure a minimum of 30 semester hours, including the following courses: 8 hours of applied music (voice and piano), Music 7, 8, 35, 57, 59, 60, 61, and 62. Recommended electives: Musical Acoustics and Ensemble Music.

To be recommended for a minor in Music Education with emphasis on Instrumental Conducting a student must secure a minimum of 34 semester hours, including the following courses: 6 hours of applied music (piano or major instrument), Music 7, 8, 35, 50c, 50d, 50e, 56, 58, 59, 60, 61, and 62. Recommended electives: Musical Acoustics and Ensemble Music.

Students preparing to teach in the state of Washington under the General Certificate may plan their program under one of the following options:

Option I.

- A. Major Area—25 hours in Theory and Music Education: Music 7, 8, 35, 56, 57, 59, 60, 61, 62, and 16 related hours in Applied and Ensemble Music: 6 hours in major performing media, 6 hours in ensemble media, and 50b, 50c, 50d, and 50e.

B. Related field, where the major emphasis is in another fine and applied art—16 hours: Music 7, 8, 59, 2 hours applied piano, 3 hours applied voice, and 3 hours of ensemble music.

Option II.

A. Major Area—30 hours: Music 7, 8, 35, 50b, 50c, 57, 59, 60, 6 hours in major performing media, and 4 hours in ensemble media.

B. Minor Area—16 hours: Music 7, 8, 59, 2 hours applied piano, 3 hours applied voice, and 3 hours of ensemble music.

Option III.

Minor Area—14 hours: Music 7, 8, 59, 2 hours applied voice, 2 hours applied piano, and 2 hours of ensemble music.

SACRED MUSIC

To be recommended for a B.A. Degree in Sacred Music a student must secure a minimum of 32 hours in Theory and Music Education including the following courses: Music 7, 8, 35, 36, 56, 57, 58, 61, 62, 77, 78, 79, and 25 hours in Applied and Ensemble Music, 12 hours of which must be in major and minor performing media (voice and piano or organ), as well as Music 71, 72, 73, and 74. Special requirements: Physics 9, Education 32 and 4 hours of Religious Drama.

To be recommended for a minor in Sacred Music a student must secure a minimum of 27 semester hours including the following courses: Music 7, 8, 35, 57, 77, 78, 79, and 10 hours of Applied and Ensemble Music, 6 of which must be in a performing media, preferably voice or organ. Recommended electives: Physics 9, Religious Drama, and Choir.

APPLIED MUSIC MAJOR

Plan of study for majors in Applied Music leading to the Bachelor of Arts Degree in Music.

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
Theory I	3	Theory II	3
English Composition	3	English Composition	3
Foreign Language	4	Foreign Language	4
Physical Education	1	Physical Education	1
Applied Music	2	Applied Music	2
Personal Hygiene	1	Bible	2
Fundamentals of Speech	2	Electives	2
	16		17

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Theory III	4	Theory IV	4
Applied Music	2	Applied Music	2
Foreign Language	3	Bible	2
Physical Education	1	Foreign Language	3
Science	4	Musical Acoustics	4
Electives	3	Physical Education	1
	17		16

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Literature and Analysis	3	Literature and Analysis	3
Applied Music	2	Applied Music	2
General Psychology	3	Social Science	3
Electives	5	Electives	7
Bible	2	Recital	2
	<hr/>		<hr/>
	15		17

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Applied Music	2	Applied Music	2
Social Science	3	Recital	3
Electives	8	Electives	10
Chamber Music	1	Chamber Music	1
Bible	2		
	<hr/>		<hr/>
	16		16

A minor of not less than 16 hours must be selected from the elective hours.

MUSIC EDUCATION MAJOR

Plan of study for majors in Music Education leading to the Bachelor of Arts Degree in Music. (Recommended minor: Sociology.)

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
Theory I	3	Theory II	3
Applied Music	1	Applied Music	1
Orchestra, Choir, or Band	1	Orchestra, Choir, or Band	1
English Composition	3	English Composition	3
Fundamentals of Speech	2	Musical Acoustics	4
Science	4	Bible	2
Personal Hygiene	1	General Psychology	3
Physical Education	1		
	<hr/>		<hr/>
	16		17

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Theory III	4	Theory IV	4
Applied Music	1	Applied Music	1
Orchestra, Choir, or Band	1	Orchestra, Choir, or Band	1
Introduction to Education	2	Developmental Psychology	4
Bible or Electives	3	Social Science	3
Physical Education	1	Physical Education	1
Social Science	3	Electives or Bible	2
	<hr/>		<hr/>
	15		16

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Literature and Analysis	3	Bible	2
Fundamental Techniques (String)	1	Literature and Analysis	3
Applied Music	1	Applied Music	1
Orchestra, Choir, or Band	1	Orchestra, Choir, or Band	1
Conducting	2	Conducting	2
Elementary School Music (Procedures and Materials) ..	3	Secondary School Music (Procedures and Materials) ..	2
Physical Education	1	Fundamental Techniques (Woodwind)	1
Instrumentation and Elementary Scoring	3	Electives	5
Electives	3		17
	17		

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Applied Music	1	Bible	2
Orchestra, Choir, or Band	1	Applied Music	1
Chamber Music	1	Orchestra, Choir, or Band	1
Fundamental Techniques (Brass and Percussion)	1	Chamber Music	1
Directed Teaching	12	Recital	1
	16	Fundamental Technique (Voice)	1
		Electives	9
			16

Note: The minor of not less than 16 hours must be selected from the elective hours. Those planning to teach in the state of Washington see "Department of Education."

SACRED MUSIC MAJOR

Plan of study for majors in Sacred Music leading to the Bachelor of Arts Degree in Music.

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
Theory I	3	Theory II	3
Applied Music	1	Applied Music	1
English Composition	3	English Composition	3
Fundamentals of Speech	2	Musical Acoustics	4
Choir	1	Choir	1
Physical Education	1	Physical Education	1
Bible	2	General Psychology	3
Personal Hygiene	1		16
Electives	2		
	16		

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Theory III	4	Theory IV	4
Applied Music	1	Applied Music	1
Choir	1	Choir	1
Science	4	Social Science	3
Physical Education	1	Physical Education	1
Introduction to Religious Drama	2	Religious Drama	2
Bible	2	Developmental Psychology	4
	15		16

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Literature and Analysis	3	Literature and Analysis	3
Survey of Hymnology	2	Church Music	2
Applied Music	1	Applied Music	1
Choir	1	Choir	1
Conducting	2	Conducting	2
Bible	2	Recital—Junior	1
Chamber Music	1	Social Science	3
Electives	4	Chamber Music	1
	<hr/>	Electives	2
	16		<hr/>
			16

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Instrumentation and Elementary Scoring	3	Applied Music	2
Applied Music	2	Choir	1
Choir	1	Recital—Senior	2
Field Laboratory	1	Electives	8
Electives	9	Bible	2
	<hr/>		<hr/>
	16		15

Note: A minor of not less than 16 semester hours must be chosen from the elective credits. The music department recommends Christian Education for the minor. Orchestra experience is strongly recommended as an elective.

COURSES IN THEORY AND MUSIC EDUCATION

7-8. THEORY I, II

Three hours each semester

This course is designed to give a thorough training in the melodic, harmonic, and rhythmic elements of music. Triad types, intervals, keys, scales, cadences, notation, rhythmic reading, sight-singing, melodic and rhythmic dictation comprise the work of the first semester. In the second semester, chord and key relationships, the study of four-part writing, harmonic and two-voice contrapuntal dictation are introduced. Class meets five days per week.

20. MUSIC APPRECIATION

Three hours each semester

Recordings are used throughout to illustrate the music of the composers. The manner in which music developed from early times is the prominent feature. This includes familiarity with the sounds and appearances of the various instruments and introduces the student to style and form.

35, 36. THEORY III, IV

Four hours each semester

A continuation of Theory II. The study includes four-part writing, modulations, altered chords, the classification and use of nonharmonic tones, the seventh chord, the harmonization of chorale melodies and an introduction to harmonic counterpoint. Paralleling the written work will be continued dictation and the analysis of Bach chorales. The class meets daily. Prerequisite Music 8.

50. SCHOOLROOM MUSIC

Three hours first semester

This course is designed for the layman and the general education student who has not had previous musical training. The rudiments of music are presented beginning with notation and progressing through scale formation, intervals, and the simplest harmonic progressions. Rhythm and elementary sight singing are stressed. The various conductor beat patterns will be taught so the student will be equipped for song leading.

56. INSTRUMENTATION AND ELEMENTARY SCORING**Three hours first semester**

A study of the tone qualities, ranges, and special characteristics of the instruments of the orchestra and band. Simple arrangements will be made for string, woodwind, and brass ensembles, and for orchestra and band. Prerequisite: Music 35.

57, 58. CONDUCTING**Two hours each semester**

A study of baton technique, duties of the left hand, and an acquiring of ambidexterity are given primary consideration before the actual laboratory experience of conducting choral and instrumental groups is afforded. The work centers around fundamental technique and choral work the first semester. The second semester deals primarily with advanced technique and the instrumental aspect. (Offered 1954-55 and alternate years.) Prerequisite: Music 35.

59. ELEMENTARY SCHOOL MUSIC (Procedures and Materials)**Two hours first semester**

This course is designed for the student who will be teaching music in the elementary grades. Emphasis will be placed on the teaching of notation, on the child's voice, on teaching procedures, and on classroom materials such as recordings, rhythm bands, recorders, and song repertory. Prerequisites: Music 7, 8.

60. SECONDARY SCHOOL MUSIC (Procedures and Materials)**Two hours second semester**

Designed for students who intend to teach music at the junior and senior high school level. The course includes study of teaching procedures, general music, and choral and instrumental repertory. Prerequisites: Music 7, 8.

61, 62. LITERATURE AND ANALYSIS**Three hours each semester**

A survey of the literature of music with emphasis on listening for the purpose of developing understanding of music as an art. Styles of the historical periods are studied to show the growth of the simple musical phrase to the large forms of Bach, Beethoven, etc. Offered 1955-56 and alternate years.

66. ORCHESTRATION**Three semester hours**

Advanced study of the characteristics of instruments, and a study of the relationships of instruments to color in music. The course includes scoring for mixed ensembles, full orchestra, and band. Prerequisites: Music 36, 56.

77. SURVEY OF HYMNOLOGY**Two hours first semester**

The history of the English Hymn, with particular attention to the Greek and Latin hymns; also a study of the contribution made to hymnody by the Protestant denominational groups during the 18th and 19th centuries. Each student will be coached in song-leading and the leading of hymn singing.

78. CHURCH MUSIC**Two hours second semester**

Historical development of church music and liturgy. The course is divided into two sections: the first dealing with the organization and problems pertaining to the adult choir; the second half will give particular attention to work with the unchanged voices. A study of anthems suitable for all choirs will be made.

79. FIELD LABORATORY IN CHORAL MUSIC**One semester hour**

The purpose of the course is to give music majors supervised practice in actual choral work before they are graduated. There are numerous opportunities in the Spokane area for this work.

81. CHORAL TECHNIQUES, PROBLEMS AND MATERIALS**Three semester hours**

A consideration of (1) the organization of various kinds of choral groups in high schools, churches, and communities; (2) problems and techniques of choral conducting; (3) principles of tone production; (4) the study of a large selected list of the various types of choral literature, including both accompanied and a cappella; (5) improving the musicianship of a choral group. (Available on demand.)

82. MUSIC WORKSHOP**Two hours summer**

Includes conducting, vocal methods, organization of youth choirs, and a program of choral music given at the close of the session.

***APPLIED AND ENSEMBLE MUSIC**

- 11a, 12a. WOMEN'S CHORUS** **One hour each semester**
Open to all students of Whitworth College interested in choral singing. Basic principles of good tone production as well as breath control are stressed in addition to the performance of fine treble voice literature.
- 11b, 12b. MALE CHORUS** **One hour each semester**
Open to all students of Whitworth College interested in choral singing. Basic principles of good tone production as well as breath control are stressed in addition to the performance of fine literature especially characteristic of the male voice ensemble.
- 16, 17. A CAPPELLA CHOIR** **One hour each semester**
Membership is secured by audition. In addition to a study of the great choral literature from the sixteenth century to the modern period, experience is also afforded in the field of oratorio as well. Upper division credit is available in the third and fourth years of participation.
- 21, 22. CONCERT BAND** **One hour each semester**
Open to all students of Whitworth College upon recommendation of the conductor of the band. Literature performed will include concert marches and some of the Sousa marches, as well as standard concert literature and the works of contemporary composers, with the objective of providing further individual musical development on a college level. Upper division credit is available in the third and fourth years of participation.
- 25, 26. CONCERT ORCHESTRA** **One hour each semester**
Open to all students of Whitworth College upon recommendation of the conductor of the orchestra. The finest in orchestral literature from all periods is studied and performed with the objective of providing the best possible musical development and experience for the instrumental musician.
- 50b, 50c, 50d, 50e. FUNDAMENTAL TECHNIQUES** **One semester hour**
Class instruction in the various performing media, treating primarily of the basic technical problems in the various categories of applied music. 50b—Voice, 50c—Strings, 50d—Woodwinds, 50e—Brass and Percussion. These courses are primarily designed for the student who plans to teach music in the public schools.
- 71, 72. PUBLIC RECITAL** **One, two, or three hours**
A public performance of the literature studied and completed during the junior and senior years of applied music study. Credit is granted according to the scope of the recital.
- 73, 74. CHAMBER MUSIC** **One hour each semester**
Open to players and singers who are interested in performing the finest of music in small ensembles. The various ensembles (such as string quartet, woodwind quintet, brass choir, mixed voice and instrumental groups) are reorganized as much as possible for each of the four or five Chamber Music Concerts given throughout the school year. This enables each performer to play with several different persons during each semester.
Majors and minors in Music Education, Education majors with an area of music under Option I or II and Applied Music majors and minors in orchestral instruments are required to elect Orchestra, Band, or Chamber Music for their instrumental music activity. Majors or minors in Music Education, Sacred Music as well as Applied Voice are required to elect either Male Chorus, Women's Chorus, or A Cappella Choir for their choral music activity.

* Students of the department of music are required to report all public appearances in advance to their respective instructors or to the director of the department.

PRIVATE MUSIC LESSONS are open to any student of Whitworth College. For further information, consult the director of the music department.

PIANO

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

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

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

16a-17a. (Freshman Year)

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

24a-25a. (Sophomore Year)

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

63a-64a. (Junior Year)

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

93a-94a. (Senior Year)

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

VOICE

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

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

16b-17b. (Freshman Year)

Devoted to establishing the fundamentals of singing (control of breathing and phrasing; formation of vowels and consonances; direction; resonance). As soon as the student grasps these fundamentals, songs selected from the sacred music literature and first year art and folk songs are given the student. It is recommended that "Pathway of Songs" Vol. I by LaForge and the "Art Songs" 1st year by Mabel Glenn be used.

24b-25b. (Sophomore Year)

A continuation of the study of the fundamentals of singing plus an increase in repertoire (early Italian, German, and English songs used). Studio recitals.

63b-64b. (Junior Year)

Again in the junior year, the fundamentals of singing are continued. In addition, there is an enlargement of program building. The materials used are: easy arias from opera and oratorio, Lieder, old and modern songs. Attention is given to stage poise.

93b-94b. (Senior Year)

The student prepares for his senior recital. Art songs in various languages including the Modern American School of Music are used. Advanced opera and oratorio arias come into the plan of study. There is stress on program building, interpretation, etc.

STRING INSTRUMENTS

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 technique 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, viola, and cello are given in individual lessons.

16c-17c. (Freshman Year)

Alternating Kreutzer and Fiorillo etudes; Handel D-Major Sonata; Vivaldi Concerto in A Minor. Nardini Concerto in E Minor.

24c-25c. (Sophomore Year)

Continue Greutzer and Fiorillo etudes; Viotti Concerto number 20, Bach Movement from the six solo sonatas, selected solos. Mozart G Major Concerto.

63c-64c. (Junior Year)

Rode Etudes, Bach G Minor Concerto, first, second, and last movements; a Mozart Sonata, shorter solo pieces.

93c-94c. (Senior Year)

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

WOODWINDS

Music 16d-17d (Freshman year)

Music 24d-25d (Sophomore year)

Music 63d-64d (Junior year)

Music 93d-94d (Senior year)

The course of study for woodwinds includes the following outline of materials:

Standard Clarinet literature, methods, and representative solos will be studied. Henri Klose, volume 2; Lazarus Clarinet method, volume 2; F. Kroespsch 416 Progressive Daily studies; Cadenzas; John De Bueris, The Bandman's Studio, five volumes. Solos by Von Weber, Mozart, Spohr, and others make up a major part of the solo literature.

BRASS AND PERCUSSION

Music 16e-17e (Freshman year)

Music 24e-25e (Sophomore year)

Music 63e-64e (Junior year)

Music 93e-94e (Senior year)

The history of cornet players, acoustics, posture, the embouchure, tone production and tuning. Credit will be recorded for this course at the end of one quarter's work, providing the student is able to demonstrate his proficiency by playing through the key of E in sharps and A flat in flats at a moderate tempo as outlined in Pares Daily Technical Exercises.

Fundamentals articulations, simple songs, and standard literature from the studies of Ernest Williams and Dr. H. Clarke, representative solos from or similar to the H. A. VanderCook series.

ORGAN

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

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

16f-17f. (Freshman Year)

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

24f-25f. (Sophomore Year)

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

63f-64f. (Junior Year)

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

93f-94f. (Senior Year)

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

* Students of the department of music are required to report all public appearances in advance to their respective instructors or to the director of the department.

Division of Health and Physical Education, and Athletics

Mr. Matters Mr. Lounsberry Mr. Smith Mrs. McInturff

The Department of Physical Education and Athletics includes the following divisions: Physical education for men, physical education for women, the professional teacher-training course and Recreational Leadership.

The Department of Physical Education strives to give well-rounded instruction in each individual in team, dual and individual sports. In addition to class instruction in sports an extensive program in intramural and inter-collegiate competition is offered.

The general program for men includes experience, both intercollegiate and intramural, in football, basketball, baseball, volleyball, tennis, golf, badminton, tumbling, track, aquatics and weight lifting. Women engage in basketball, softball, tennis, archery, volleyball, soccer, golf, folk games, swimming, rhythmic activities, and tumbling. Women also have intramural and intercollegiate competition in basketball, volleyball, softball, tennis, archery, badminton and golf.

The Whitworth program affords opportunity for the student to increase or develop his interests and abilities in physical education or recreational leadership as a career or as an avocation.

Whitworth College is a member of the Evergreen Conference, offering to men inter-collegiate competition in six different sports. Four semester hours of physical education are required of all students. Many courses are given in the physical education and recreational leadership departments as elective for any students. Majors and minors are offered in both men's and women's physical education and recreational leadership. A general teaching certificate may be earned by following a course prescribed by the State Department of Education of the State of Washington.

MEN'S DEPARTMENT

A total of 32 hours exclusive of four hours of activity courses is required for majors in physical education. The required courses for majors are: 29, 30, 31, 40, 51, 55, 76, and 77, plus six hours in team sports, individual sports and dual sports, beyond four hours graduation requirement. Elective hours will be approved by the head of the Men's Physical Education Department.

Special requirements for majors are: Biology 20 and 21; Psychology 32; Psychology 68; Sociology 11, 61 or 62.

A minor in physical education consists of 18 hours exclusive of the four activity credits required for graduation. Required courses are: 29, 35 and 51. It is recommended that minors take Biology 20 and 21.

A prescribed uniform is required for all activity courses.

MAJORS IN PHYSICAL EDUCATION FOR MEN

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
English Composition	3	English Composition	3
Introduction to Sociology	3	Fundamentals of Speech	2
History & Principles of P. E.	3	Bible	2
Personal Hygiene	1	P. E. Activity.....	1
P. E. Activity.....	1	Electives	8
Electives	4		16

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Anatomy	4	Human Physiology	4
P. E. Techniques.....	2	Tumbling	1
General Psychology	3	First Aid	2
Bible	2	Developmental Psychology.....	4
P. E. Activity.....	1	P. E. Activity.....	1
Electives	4	Electives	4
	<hr/> 16		<hr/> 16

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Physiology of Exercise	2	Organization and Admin. of PE	3
Special Teaching & Mat.....	3	Kinesiology	3
Methods of Officiating	1	Teaching Track & Field	2
Teaching Basketball	3	Athletic Training	1
Bible	2	Electives	7
Electives	5		<hr/> 16
	<hr/> 16		

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Tests & Measurements	3	Theory of Counseling & Guid.	3
Correctives	2	Rural Sociology	3
Teaching Football	2	Teaching Baseball	2
Bible	2	Organization & Admin., Intra-	
Org. & Admin. Intramural.....	1	mural	1
Electives	6	Electives	7
	<hr/> 16		<hr/> 16

Note: All general requirements must be met and a minor must be selected from the elective hours.

WOMEN'S DEPARTMENT

A total of 32 hours is required for a major in physical education. Required courses for majors are: 27, 29, 35, 51, 55, 60, 71, and 72, plus six hours physical education activity courses; two team sports, two individual and dual sports, one hour in aquatics and one hour in rhythms, beyond the graduation requirement.

Special requirements for physical education: Biology 20 and 21; Psychology 32 and 68; Sociology, 11 or 12, 61 or 62.

A total of 18 hours is required for a minor in physical education. Required courses for minors are: 29, 35, 51, 55, 71 and 72, plus four hours in team sports, individual and dual sports over the four hours graduation requirements. Elective hours are to be approved by the Director of Women's Physical Education. Recommended courses are Biology 20 and 21.

A foreign language is recommended.

All absences in physical education activity classes must be made up before the end of each semester. An unexcused absence requires two make-up periods; an excused absence requires one make-up period. If absences are not made up, an Incomplete will be entered as a grade. If, at the end of six weeks of the following semester this is not made up, a grade of F will be entered.

A prescribed uniform is required for all activity courses.

MAJORS IN PHYSICAL EDUCATION FOR WOMEN

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
English Composition	3	English composition	3
Introduction to Sociology	3	Fundamentals of Speech	2
History & Princ. of P. E.....	2	Bible	2
Personal Hygiene	1	P. E. Activities	2
Electives	5	Electives	7
P. E. Activity.....	2		
	<hr/>		<hr/>
	16		16

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Anatomy	4	Physiology	4
General Psychology	3	Developmental Psychology.....	4
Bible	2	First Aid	2
P. E. Activity.....	2	P. E. Activities	2
Electives	5	Electives	4
	<hr/>		<hr/>
	16		16

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Special Tech. & Materials.....	3	Kinesiology	3
Methods of Officiating	1	Organization and Admin. of PE	3
Bible	2	Recreational Leadership	3
P. E. Activity	2	School Health Program.....	2
Electives	8	Electives	5
	<hr/>		<hr/>
	16		16

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Tests and Measurements	3	Correctives	3
Coaching	2	Coaching	2
Theory of Coun. and Guidance	3	Problem solving	2
Bible	2	Electives	9
Electives	6		
	<hr/>		<hr/>
	16		16

Note: All graduation requirements must be met and a minor must be selected from the elective hours.

RECREATIONAL LEADERSHIP

This course is designed to train leadership in community, school, church, and agency activities. The curriculum is based upon the following:

1. General college graduation requirements.
2. Skills in recreational leadership.
3. Courses in theory and philosophy of recreation.
4. Courses in related fields as music, art, drama, Christian Education, and journalism.

A total of 32 semester hours is required for a major in recreational leadership. Required courses for majors are: 29, 33, 36, 37, 39, 50, 69, plus 6 hours in activity courses beyond the 4 hours of graduation requirements. A minimum of 2 hours is required in each of the following related fields: speech and drama, music, art or journalism.

A total of 18 semester hours is required for a minor in recreational leadership. Required courses for minors are: 33, 36 or 37, 69, plus four semester hours in activity courses beyond the graduation requirement of 4 hours. A minimum of four hours is required in related fields. Elective hours are to be approved by the Director of the Women's or Men's Physical Education Department are:

Special requirements for recreational leadership: Biology 20, 21; Psychology 32; Sociology 12. See the tentative four-year schedule for majors in recreational leadership.

MAJORS IN RECREATIONAL LEADERSHIP

Summer experience between the Junior and Senior year will be required of all students. This will consist of a minimum of 6 weeks full-time experience without credit. This may be done in a playground, community center, settlement, summer camp, teen age center or recreational hall of a church or a youth hostel.

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
English Composition	3	English Composition	3
Introduction to Recreation	2	General Psychology	3
Personal Hygiene	1	Fundamentals of Speech	2
Social Problems	3	Elementary Games for Rec.....	1
P. E. Activities	2	P. E. Activities	1
Anatomy	4	Bible	2
Electives	1	Physiology	4
	16		16

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Community Rec. Program	2	Recreational Leadership	3
Introduction to Crafts	2	Camp Craft & Nature Activities	1
P. E. Activities	2	First Aid	2
Electives	10	Bible	2
	16	Electives	6
		P. E. Activities	2
			16

SUMMER EXPERIENCE: A minimum of six weeks full-time experience without credit. You will be assisted in placement by the department.

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Rhythms for Recreation	1	Camp Leadership	3
Fundamentals of Music	3	Flora of the Region	4
Intro. to Journalism	1	Intro. to Journalism	1
Bible	2	Intro. to Religious Drama	2
P. E. Activities	2	Developmental Psychology	3
Electives	7	Electives	2
	16	P. E. Activity	1
			16

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Admin. of Play and Rec.....	3	Directed Teaching	2
Rural Sociology	3	Theory of Couns. & Guid.	3
Bible	2	Electives	11
Electives	8		16
	16		

Note: A minor must be selected from the elective hours and all general requirements must be met.

TEACHER CERTIFICATION

Those who select the field of Health Education in fulfillment of the requirements for the General Teaching Certificate in the State of Washington may satisfy the requirements as follows:

For a 24 semester hour field of concentration in physical education required theory courses are: 27, 29, 35, 55, 60, 71-72, also 6 hours of activity courses beyond the 4 hours required for graduation. For a 16 semester hour emphasis in physical education the following theory courses are required: 27, 29, 35, 55, also 4 hours of activity courses beyond the 4 hours required for graduation. The rest of the hours can be elected within the field with the consent of the department head.

For a 24 semester hour field of concentration in recreational leadership required theory courses are: 29, 33 or 37, 50, 69, plus 6 hours in activity courses beyond 4 hours required for graduation, and at least 4 hours in related fields. For a 16 semester hour emphasis in recreational leadership the following theory courses are required: 29, 33, 36, 39, 50, plus 4 hours in activity courses beyond the 4 hours required for graduation. At least 4 hours in related fields of speech, drama, art and journalism are required. The remaining hours can be elected within the field with the consent of the department head.

For the professional preparation for the general certificate refer to the Educational Department offerings.

- | | |
|--|-------------------------|
| 5. VARSITY FOOTBALL (MEN) | One hour |
| 6. VARSITY BASKETBALL (MEN) | One hour |
| 7. VARSITY BASEBALL (MEN) | One hour |
| 8. VARSITY TRACK AND FIELD (MEN) | One hour |
| 9. VARSITY TENNIS (MEN) | One hour |
| 10. VARSITY GOLF (MEN) | One hour |
| 11. TEAM SPORTS (MEN AND WOMEN) | One hour each semester |
| Two hours laboratory a week. | |
| A—Beginning | |
| B—Intermediate | |
| C—Advanced | |
| Soccer, Basketball, Volleyball and Softball. | |
| 12. DUAL SPORTS (MEN AND WOMEN) | One hour each semester |
| Two hours laboratory a week. | |
| A—Beginning | |
| B—Intermediate | |
| C—Advanced | |
| Badminton and Tennis. | |
| 13. INDIVIDUAL SPORTS (MEN AND WOMEN) | One hour each semester |
| Two hours laboratory a week. | |
| A—Beginning | |
| B—Intermediate | |
| C—Advanced | |
| Archery, Golf, and Body Building | |
| 14. SELF-TESTING ACTIVITIES (WOMEN) | One hour first semester |
| Two hours laboratory a week. | |
| A—Beginning | |
| B—Intermediate | |
| C—Advanced | |
| Tumbling and Apparatus. | |
| 15. MINOR SPORTS (WOMEN) | One hour first semester |
| Two hours laboratory a week. | |
| Table tennis, shuffleboard, desk tennis. | |

16. **BODY MECHANICS (WOMEN)** One hour first semester
Two hours laboratory a week.
Fundamental skills used in everyday living, including posture, movement and relaxation techniques.
17. **FOLK GAMES (CO-EDUCATIONAL)** One hour each semester
Two hours laboratory a week.
The application of rhythmic techniques that are fundamental to folk games.
18. **CREATIVE RHYTHMS (WOMEN)** One hour first semester
Two hours laboratory a week.
Experience in and study of rhythm as basic to movement.
19. **AQUATICS (MEN AND WOMEN)** Men—One hour first semester
Women—One hour second semester
Two hours laboratory a week.
A—Beginning
B—Intermediate
C—Advanced
D—Lifesaving (Prerequisite: P. E. 19c or equivalent).
E—Water Safety Instructor (Prerequisite: P. E. 19d).
Skills in swimming, diving, lifesaving and water safety.
American Red Cross certificates are awarded to those who qualify.

Required Activity Courses for Women Majors:

- Two semester hours in Team Sports.
- Two semester hours in Individual and Dual Sports.
- One semester hour in Rhythms.
- One semester hour in Aquatics.
- Four semester hours in Activity Electives.

Required Activity Courses for Women Minors:

- Two semester hours in Team Sports.
- One semester hour in Individual or Dual Sports.
- One semester hour in Rhythms.
- One semester hour in Aquatics.
- Three semester hours in Activity Electives.

PHYSICAL EDUCATION THEORY COURSES:

27. **PERSONAL HYGIENE** One hour each semester
One lecture.
A lecture course covering practical problems of health. Special emphasis is placed on the checking of individual health accounts.
- 28a-28b. **RHYTHMIC FUNDAMENTALS** One hour each semester
One lecture and two laboratory periods.
Analysis of fundamentals, methods of presentation and importance in development.
29. **FIRST AID** Two hours second semester
One lecture and two laboratory periods.
First aid treatment of common injuries. American Red Cross Certificates for Standard and Advanced courses are awarded to those who qualify.

30. **PHYSICAL EDUCATION TECHNIQUES (MEN)** Two hours first semester
Two laboratory periods.
Group marching, calisthenics, low organization games and minor sports.
31. **TUMBLING AND APPARATUS (MEN)** One hour second semester
Two laboratory periods.
Intensive course in tumbling, apparatus, heavy apparatus, pyramids, and dual stunts.
35. **HISTORY AND PRINCIPLES** Two hours first semester
Three lectures.
A brief survey of philosophies and principles in the history of physical education and their relation to modern educational theory.
40. **KINESIOLOGY** Three hours second semester
Three lectures. Prerequisite: Anatomy.
Essentials of body mechanics in relation to play, athletics and gymnastic activities.
51. **ORGANIZATION AND ADMINISTRATION** Three hours second semester
Three lectures.
Class techniques and procedure in organization, planning and organizing the use of building, grounds and recreational areas.
52. **THE SCHOOL HEALTH PROGRAM** Two hours second semester
Two lectures.
Techniques and methods used in conducting an integrated program of health in the public schools.
55. **SPECIAL METHODS AND MATERIALS OF TEACHING PHYSICAL EDUCATION** Three hours first semester
Three lectures.
Study of special materials and methods used in conducting a physical education program.
59. **ATHLETIC TRAINING (MEN)** One hour first semester
One lecture and two laboratory periods.
A study of the types, causes and care given to injuries incurred while participating in sports.
60. **METHODS OF OFFICIATING**
One lecture and two laboratory periods.
Rules of the games, methods and practice of techniques of officiating.
61. **TEACHING FOOTBALL (MEN)** Two hours alternate years
Two lectures and one laboratory period.
Fundamentals of football, theory and practice.
62. **TEACHING BASKETBALL (MEN)** Two hours alternate years
Two lectures and one laboratory period.
Fundamentals of basketball, theory and practice.
63. **TEACHING TRACK (MEN)** Two hours alternate years
Two lectures and one laboratory period.
Fundamentals of track and field, theory and practice.
64. **TEACHING BASEBALL (MEN)** Two hours alternate years
Two lectures and one laboratory period.
Fundamentals of baseball, theory and practice.
65. **TEACHING MINOR SPORTS (MEN)** Two hours alternate years
Two lectures and one laboratory period.
Fundamentals of golf, tennis, boxing, etc., theory and practice.
66. **TEACHING OF SWIMMING (WOMEN)** Two hours second semester
One lecture and one laboratory period.
Fundamentals and skills necessary to conduct a well-balanced swimming program with operational, health, safety and performance standards.

- 68. PHYSIOLOGY OF EXERCISE** Two hours first semester
Two lectures. Prerequisites: Anatomy and Physiology.
Physiological features of muscular movements. The effect of exercise on the tissues, systems and organs of the body.
- 70. CORRECTIVES** Three hours second semester
Two lectures and one laboratory period.
Prerequisites: Anatomy and Kinesiology.
Theory and practice in the use of preventive measures, body mechanics and remedial gymnastics with the knowledge of prescribing exercises for physical and postural defects.
- 71-72. COACHING (WOMEN)** Two hours each semester
One lecture and two laboratory periods.
Laboratory periods to be arranged.
Coaching must be practiced in activity under supervision. Practical experience in organization and management in an actual class situation.
- 75. PROBLEM SOLVING** Two-Three hours second semester
Time and credit arranged with instructor.
Techniques essential in the research and solution of physical educational problems.
- 76-77. ORGANIZATION AND ADMINISTRATION OF INTRA-MURAL SPORTS (MEN)** One hour
One lecture and one laboratory period.
Theory and practical application of the actual operation of intra-mural activities.
- 78. TESTS AND MEASUREMENTS** Three hours first semester
Three lectures.
Study of effectiveness of present day tests in physical education and problems of research in the field.
- 82. ELEMENTARY SCHOOL PHYSICAL EDUCATION** Two hours second semester
Study of materials and methods. Teaching specifically in physical education on the elementary level.
- 90, 91. SEMINAR** Two-Four hours to be arranged
Research by senior students. Credit given depends upon the value of the research project.
- RECREATIONAL LEADERSHIP THEORY COURSES**
- 33. INTRODUCTION TO RECREATION** Two hours first semester
Two lectures.
Introduction to general field of school, camp, church and community recreation.
- 36. ELEMENTARY GAMES FOR RECREATION** Two hours first semester
Three laboratory periods.
Small group games, simple relays, self-testing activities used in playground and camp situations.
- 37. RHYTHMS FOR RECREATION** One hour second semester
One lecture and one laboratory period.
Fundamentals of rhythm for recreation leaders.
- 38. HANDICRAFT** Two hours first semester
Three laboratory periods.
Work in crafts suitable for camps and playgrounds. See art requirement—related fields.
- 39. CAMP CRAFT AND NATURE ACTIVITIES** Two hours second semester
Three laboratory periods.
Work in nature activities and craft using materials found in camp situations.

45. **COMMUNITY RECREATION PROGRAM** Two hours second semester
Two lectures.
Special methods of utilizing community facilities and leadership. Work on survey of community.
50. **RECREATIONAL LEADERSHIP** Three hours second quarter
Three lectures.
Methods and practical experience in selection, evaluation and adaptation of recreational activities for church, school and community.
56. **FISHING** Two hours each semester
One lecture and one laboratory period (combined) one evening each week for thirty-six weeks. Principles and practice of fishing. (Offered 1955-56 and alternate years.)
57. **HUNTING** Two hours each semester
One lecture and one laboratory period (combined) one evening each week for thirty-six weeks. Principles and practice of hunting. (Offered 1956-57 and alternate years.)
67. **CAMP LEADERSHIP** Three hours second semester
Three lectures.
Theory and practical experience in organization and leadership of camps.
69. **ADMINISTRATION OF PLAY AND RECREATION** Two hours first semester
Two lectures.
Principles, organization and administration of recreation program.
74. **DIRECTED TEACHING** Two hours either semester
Arranged.
- 80, 81. **SEMINAR IN RECREATION** Two-Four hours either semester
Arranged.
Research in recreation problems by senior or graduate students.



Division of Letters

ADVERTISING

Mr. Gray	Mr. Tooley	Dr. Bibb
Mr. Koehler		Mr. Larson

Whitworth College offers a four-year sequence in advertising education leading to the B.A. degree. This major has the backing of the Advertising Association of the West and of The Spokane Advertising and Sales Association.

The curriculum has been worked out by advertising professional men in cooperation with the Whitworth College faculty. The sequence combines the best in liberal arts and the specialized knowledge required in today's competitive world.

The Whitworth program offers to the student an unique on-the-job training during the junior and senior years in college. Students will work for advertising men in Spokane agencies, newspapers, radio and television stations, outdoor advertising firms, and department stores.

A major in Advertising consists of 45 hours in Advertising courses. In addition the major must take the following economic courses: 1, 2, 35, 36, 46, 68, 93, and Secretarial Science 1 and 2; and the following art courses: 5, 34, 41, 42, 71, and 72. Additional courses in art or economics required for the respective minor must be approved by the minor adviser.

In addition to the general requirements for the B.A. degree, each Advertising major will complete the following courses: Journalism 40 and 44, Psychology 63, Political Science 1, and Speech 70 and 88.

An Advertising minor consists of the following courses: Adv. 48, 49, 50, 70, Journalism 40, and three hours of elective in Advertising.

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
English 1: English Composition	3	English 2: English Composition	2
Science (Laboratory)*	4	Science or Mathematics	4
Speech Fundamentals or Bible	2	Bible or Speech Fundamentals	2
Economics 1: Principles of Economics	3	Economics 2: Introduction to Business	3
Art 5: Basic Draw. & Design	2	Adv. 48: Principles of Advertising	3
Sec. Sc. 1: Elementary Typing	2†	Sec. Sc. 2: Elementary Typing	2†
Phy. Ed. 1: Activity	1	Phy. Ed. 2: Activity	1
	15-17		15-17

* Physical Science recommended.

† Must be taken as a course unless student can pass proficiency test satisfactorily.

SOPHOMORE YEAR

First Semester

	Hours
Phy. Ed. 3: Sophomore Activity	1
English 36: Business English.....	2
Adv. 49: Princ. of Advertising II	3
Psych. 21: General Psychology....	3
Art 41: Advertising Layout.....	2
Bible: Elective	3
Journ. 40: Reporting & Corresp.	3
	<hr/>
	17

Second Semester

	Hours
Phy. Ed. 4: Sophomore Activity	1
Economics 35: Business Law.....	3
Journ. 44: Publicity & Public Relations	2
Econ. 46: Salesmanship.....	3
Art 42: Adv. Layout & Color....	2
Adv. 45: Copywriting I.....	3
Art 34: Figure Sketching.....	2*
Phy. Ed. 27: Personal Hygiene	1
	<hr/>
	17

* To be taken in Freshman year if typing is not required.

JUNIOR YEAR

First Semester

	Hours
Pol. Sc. 1: American National Government	3
Psych. 63: Applied Business Psychology	3
Bible: Elective.....	3
Adv. 50: Copywriting II.....	3
Art* 71: Advanced Commercial	2
Adv. 70: Advertising Production	3
	<hr/>
	17

Second Semester

	Hours
Adv. 75: Practical Experience....	4
Econ. 68: Marketing.....	3
Journ. 70: Law of the Press, Radio, Television.....	2
Art* 72: Advanced Commercial	2
Adv. 71: Advertising Product....	3
Adv. 84: Space & Time Selling	2
	<hr/>
	16

Recommendation: That students be placed in a summer position with Business or Industry.

* Electives in Economics with approval when Economics is chosen as a minor.

SENIOR YEAR

First Semester

	Hours
Adv. 85: Practical Experience....	4-8
Adv. 80: Adv. Advertising I.....	3
Adv. 51: Copywriting III.....	3
Econ. 93: Market Research.....	2
Speech 70: Radio and Television Programming & Traffic.....	1
Electives (cultural subject)	2-3
	<hr/>
	16-20

Second Semester

	Hours
Adv. 86: Practical Experience....	6-8
Adv. 81: Adv. Advertising II.....	3
Adv. 90: Seminar.....	2
Electives in Economics or Art, depending on minor elected	2-4
Speech 88: Int. to Technique of Radio & Television.....	2
	<hr/>
	15-19

45. COPYWRITING I—FUNDAMENTALS OF COPYWRITING

Three hours second semester

An introduction to the problem of creating advertising ideas and producing persuasive copy. Newspaper and magazine advertising copy are covered.

48. **PRINCIPLES OF ADVERTISING I** Three hours second semester
An introductory course in advertising with a study of its importance in distribution. A survey of advertising strategy, layout, attention devices, appeals, copy, and media.
49. **PRINCIPLES OF ADVERTISING II** Three hours first semester
A continuation of Advertising 48.
50. **COPYWRITING II—RADIO, TELEVISION, AND VISUAL COPYWRITING** Three hours first semester
Continuation of Adv. 45, with special emphasis on radio, television, direct-mail, and other visual media copy.
51. **COPYWRITING III—ADVANCED RADIO, TELEVISION, AND VISUAL COPYWRITING** Three hours first semester
An advanced advertising copywriting course. Refinements of basic copywriting.
70. **ADVERTISING PRODUCTION I** Three hours first semester
Instruction in the technical and mechanical aspects of advertising. Photography and art work; handling copy for line and half-tone reproductions; use of color, selection of types; copy fitting; proofreading; printing, printing processes; paper and inks; preparation and use of dummies; production costs.
71. **ADVERTISING PRODUCTION II** Three hours second semester
A continuation of Advertising 70.
75. **PRACTICAL EXPERIENCE** 10-16 Sem. Hrs. (See article under Adv. 85, 86)
80. **ADVANCED ADVERTISING I** Three hours first semester
Media; Evaluation of advertising. Characteristics of major media; rates and sources of information; evaluation of representative media; problems of coverage, duplication, costs, and scheduling; media sales presentation; evaluation of specific advertising.
81. **ADVANCED ADVERTISING II** Three hours second semester
Advertising Campaigns. Steps involved in planning and preparing an advertising campaign. Each student will make layouts, write copy, and set up a budget for campaigns.
84. **SPACE AND TIME SELLING** Two hours second semester
Elements of salesmanship applied to advertising space and media selling.
- 85, 86. **PRACTICAL EXPERIENCE** 10-16 Sem. Hrs.
Practical experience in advertising work with cooperating commercial firms is required of every advertising degree candidate during his junior and senior years. Students who qualify for the cooperative advertising training course work in the employ of cooperating organizations a minimum of 4 credit hours during the second semester of the junior year and a minimum of 10 credit hours during the senior year.
The work schedules are adjusted to the needs of the various cooperating businesses. Cooperative students are required to obey all regulations of the company with which they work and are subject to all existing labor conditions and laws, including those pertaining to liability.
90. **ADVERTISING SEMINAR** Two hours second semester
Special projects or research in the student's major advertising field.

ENGLISH LANGUAGE AND LITERATURE

Dr. Simpson

Miss Whitten

Mr. Arksey

Mrs. Eacker

The English Department endeavors to teach liberal arts students the essentials of English grammar, punctuation, spelling, diction, and writing, all of which are imperative for the educated person of today. It goes beyond this by attempting to form an appreciation for cultural values within the students' minds and by encouraging creative composition.

The English literature major or minor will gain a comprehensive view of our literary heritage and a rather detailed knowledge of the greatest thinkers and authors of the Western World. The courses listed below will be helpful to those interested in mere enjoyment of the subjects and to prospective writers and teachers, and will provide an extensive background for those wishing to continue graduate work in English.

A major in English consists of 30 semester hours beyond English 1 and 2. At least 18 hours must be at the upper division level. English 96 and two years of college foreign language are required. (Two units of high school foreign language will be considered the equivalent of one year of college credit in meeting this requirement. Not later than the beginning of the junior year, the student and his major adviser plan a complete program of course work designed to aid the student in achieving the following objectives: competence in the use of the English language, enjoyment of good literature and discrimination in the choice of reading, a general knowledge of the major epochs of our cultural history, and a thorough acquaintance with representative masterworks in each epoch. Supporting courses in such areas as speech, history, philosophy, art, and music are included in the program.

A minor in English consists of 16 semester hours beyond 1 and 2. English 33 and 34 are required.

Those who plan to teach English in the public schools of Washington should take 33, 34, 41 and 42 or 21 and 22, 86, and 94.

An entrance examination in reading is given to all entering students, except transfer students who have passed composition courses in an accredited college or university. A standardized language examination is given to the same group late in the first semester.

English majors must take twelve of their twenty-four hours in upper-division work.

Work in speech, English and American history, languages, philosophy, music and art will be particularly beneficial to all students interested in English.

A. ENGLISH FUNDAMENTALS

One hour second semester

Emphasis upon fundamentals of grammar and spelling. Required of all freshmen except those excused on the basis of the standardized language test.

B. READING

One hour first semester

Help given with the aim of improving reading ability and increasing vocabulary. Required of all freshmen except those excused on the basis of the entrance test in reading.

1, 2. ENGLISH COMPOSITION

Three hours each semester

A review in the mechanics of the English language and more advanced work in written composition, logic in expression, library research, and word study. Collateral readings. Required of all students.

4. **ENGLISH COMPOSITION FOR NURSES** Two hours first semester
A special course for nurses which covers the ground more rapidly than English 1.
- 5, 6. **ENGLISH FOR SPECIAL STUDENTS** Four hours each semester
The purpose of this course is to help students who have learned first a language other than English to become better acquainted with the English language, its vocabulary, idioms, and structure. Others may be assigned to this course upon recommendation of the English staff. This course takes the place of English 1, 2, B, and A. Given upon demand.
- 21, 22. **WORLD LITERATURE** Three hours each semester
A survey of the great poetry, prose, and drama of the leading countries of the world, exclusive of England and America. Must be concluded before the junior year, except in the case of transfer students. (Offered 1955-56 and alternate years.)
- 33, 34. **LITERATURE OF THE WESTERN WORLD** Three hours each semester
Ancient and modern masterpieces of literature and their relationship to our cultural heritage.
36. **BUSINESS ENGLISH** Two hours either semester
See Economics 36.
38. **APPRECIATION OF POETRY** Two hours first semester
A study of poems and poetic forms with the aim of increasing appreciation of this type of literature. (Offered 1955-56 and alternate years.)
- 41, 42. **SURVEY OF AMERICAN LITERATURE** Three hours each semester
A study of the growth of our literature from colonial origins to the present time. (Offered 1956-57 and alternate years.)
45. **CREATIVE WRITING** Two hours first semester
A course devoted to the study and use of techniques in such forms as the poem, the essay, the short story, and the drama. (Offered 1955-56 and alternate years.)
48. **DEVELOPMENT OF THE SHORT STORY** Two hours second semester
A survey of short stories from their beginning to the present in several countries but especially in America, with the aim of developing an intelligent appreciation of this popular form of fiction. (Offered 1956-57 and alternate years.)
50. **CHAUCER AND HIS TIME** Three hours second semester
A study of representative works in medieval literature with special emphasis on the works of Chaucer. (Offered 1955-56 and alternate years.)
52. **THE RENAISSANCE** Three hours first semester
A study of the expression of the Renaissance spirit in literature, history, science, philosophy, art, and music. Taught by a committee of instructors representing those areas. Also offered as History —.
54. **SHAKESPEARE** Three hours first semester
A study of the life of Shakespeare, his sonnets, and his plays; special emphasis on the great tragedies.
57. **THE AGE OF REASON** Three hours first semester
Neo-classical English literature from Dryden to Johnson. (Offered 1956-57 and alternate years.)
58. **THE ROMANTIC AREA** Three hours second semester
Development of English romanticism in the late eighteenth and early nineteenth centuries. Special emphasis upon Blake, Burns, Wordsworth, Coleridge, Byron, Shelley, and Keats. (Offered 1956-57 and alternate years.)
59. **THE VICTORIAN AGE** Three hours first semester
The principal British poetry and non-fiction prose of the period from 1830 to about 1890. The relationship to American and Continental literature of that time is stressed. (Offered 1955-56 and alternate years.)

63. **THE BEGINNINGS OF THE NOVEL** Three hours first semester
An historical and critical study of the origins of prose fiction and its development to the time of the Bronte sisters. (Offered 1956-57 and alternate years.)
64. **THE RISE OF REALISM IN THE NOVEL** Three hours second semester
The novel from Eliot to Conrad. American and Continental novels will be included. (Offered 1956-57 and alternate years.)
65. **THE TWENTIETH-CENTURY NOVEL** Three hours first semester
A critical analysis of representative English, Continental and American novels from 1900 to the present day. (Offered 1955-56 and alternate years.)
70. **CONTEMPORARY AMERICAN FICTION** Three hours first semester
Novels and short stories beginning with the expatriate movement. (Offered 1956-57 and alternate years.)
73. **TWENTIETH-CENTURY POETRY** Three hours second semester
Investigation of the ideas and methods of leading British and American poets from 1900 to the present. (Offered 1955-56 and alternate years.)
74. **GREAT CHRISTIAN LITERATURE** Two hours second semester
A study of masterpieces from the early Christian era to the present time, not including the Bible. The history of the Christian tradition in literature is studied and certain selections are read. (Offered 1955-56 and alternate years.)
86. **DEVELOPMENT AND STRUCTURE OF MODERN ENGLISH** Three hours second semester
The growth of our language and its current form. A study of the changes in the spelling and meaning of words and of grammatical usage, with some insight into the laws governing such changes. Highly recommended for prospective teachers of English. (Offered 1955-56 and alternate years.)
94. **SPECIAL METHODS OF TEACHING ENGLISH IN SECONDARY SCHOOLS** Two hours first semester
Methods of teaching grammar, rhetoric and literature will be presented. Highly recommended for prospective teachers of English.
96. **ENGLISH SEMINAR** Two hours second semester
A systematic coordination of the materials in the major program and an evaluation of the student's success in reaching his objectives. Required of all English majors in the senior year.

GREEK

Mr. Yates

Aim: (1) To provide the student with a thorough knowledge of the Grammar and Syntax of New Testament Greek and thus (2) to facilitate the reading of the New Testament in the original.

A minor in Greek consists of 16 hours.

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| 31, 32. NEW TESTAMENT GREEK | Four hours each semester |
| Grammar. Emphasis is on forms. Vocabulary. | |
| 53. MARK | Three hours first semester |
| Vocabulary. Continuation of Grammar. | |
| 57. GALATIANS | Three hours second semester |
| Vocabulary. Continuation of Grammar. | |
| 90, 91. SELECTED READINGS | One hour each semester |
| Translation of various books of the New Testament. | |

JOURNALISM

Mr. Gray

The department of journalism aims to train students in the various techniques of journalistic writing and to direct their studies in those social sciences which are necessary fields of knowledge for reporting and interpreting accurately the pattern of human affairs.

A student in the department of journalism may follow any one of three major sequences of study: (1) General newspaper sequence, (2) Newspaper-magazine sequence, (3) Public Relations sequence. Each sequence is designed to equip the student for interesting work in a challenging field.

A major in journalism consists of not less than 35 semester hour credits in that subject. Required courses for each major sequence are as follows:

General newspaper sequence—Journalism 15, 16, 40, 41, 52, 53, 56, 60, 63, 70, 75, 81, and Advertising 48.

Newspaper-magazine sequence—Journalism 15, 16, 40, 41, 52, 53, 56, 60, 63, 70, 75, 81, 82; Advertising 48, 49; English 45, 70, and 84.

Public Relations sequence—Journalism 15, 16, 40, 41, 42, 44, 75, 81, 82; Advertising 45, 48, 49; Art 5 and 41; Speech 2, 7, 35, 36; A psychology minor is required including the following courses: Psychology 21, 40, 50, 55, 68.

During the senior year the qualified journalism major will receive on-the-job experience with a Spokane newspaper or magazine.

Each journalism major is required to complete at least 22 semester hour credits in the social sciences chosen from three of the following fields:

1. History
2. Political Science
3. Economics
4. Sociology
5. Psychology and Philosophy

Study of a foreign language is strongly recommended.

Those who select the field of Journalism in fulfillment of the requirement for the General Teaching Certificate in the State of Washington must complete 24 semester hours of Journalism to be determined by the Head of the Journalism Department.

A journalism major must maintain a 2.5 grade point average in Journalism.

JOURNALISM MINOR

To minor in journalism the student must complete 20 semester hours in the subject. Journalism 15, 40, 41, 52, 53, 60, 70, and 81 are required. This constitutes a practical minor for students who find it desirable to combine their vocational field with the knowledge of techniques of modern day written communication. These courses also will enable the student to lay the ground work for a satisfying avocation in non-fiction writing.

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
Introduction to Journalism	1	Introduction to Journalism	1
English Composition	3	English Composition	3
Science	4	Science	4
Physical Education	1	Physical Education	1
Foreign Language	4	Foreign Language	4
Bible	2	Public Speaking	2
		Personal Hygiene	1
	<u>15</u>		<u>16</u>

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Reporting and Correspondence	3	Reporting and Correspondence	3
Foreign Language	3	Foreign Language	3
Bible	2	Physical Education	1
Physical Education	1	Social Science electives	6
General Psychology	3	Other electives	3
Electives	3		
	<u>15</u>		<u>16</u>

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Editing	3	Editing	3
Other required Journalism courses	3	Other required Journalism courses	3
Bible	2	Social Science electives	6
Social Science electives	6	Other electives	4
Other electives	2		
	<u>16</u>		<u>16</u>

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Required Journalism courses ..	5	Required Journalism courses....	6-8
Bible	2	Electives	8-10
Social Science electives	5		
Other electives	4		
	<u>16</u>		<u>14-18</u>

15-16. INTRODUCTION TO JOURNALISM

One hour each semester

Required of freshmen in the pre-journalism sequence. An explanation of what journalism is. A vocational survey to acquaint the student with the opportunities in journalism, including a consideration of newspapers, magazines, technical and trade journals, agricultural publications, religious journalism, advertising, etc.

40-41. REPORTING AND CORRESPONDENCE

Three hours each semester

Lectures, practice, and group discussion of the work of the reporter and the correspondent, including news gathering and news writing. Students cover at least one newspaper assignment each week.

42. RADIO NEWS WRITING

Two hours

Lectures and practice in the techniques of writing news for radio broadcasting stations. (Offered on demand.)

- 43. RADIO WRITING** **Two hours**
For course description see Speech 43.
- 44. PUBLICITY AND PUBLIC RELATIONS** **Two hours second semester**
Principles and practices of publicity and public relations in business, industry, government, and social agencies. Analysis of public opinion and propaganda. The use of surveys, publicity, advertising, and special events in public relations.
- 45a, 46b, 47c. APPLIED JOURNALISM** **One hour each semester**
Staff members of THE WHITWORTHIAN (45a) and THE NATSIHI (45b) will receive, if their work is satisfactory, not more than one credit per semester in "Applied Journalism." Radio, (45c) and Television staff members will receive, if their work is satisfactory, up to one hour per semester.
- 52-53. EDITING** **Three hours each semester**
Instruction and practice in editing copy, writing headlines, making-up, evaluating news, handling telegraph news, etc. Prerequisites: Journalism 41 and 42.
- 56. REPORTING THE LAW COURTS** **Three hours second semester**
Instruction and practice in the methods of reporting local, superior, and supreme courts. (Offered 1955-56 and alternate years.)
- 58. THE COMMUNITY NEWSPAPER** **Two hours**
Discussion of the problems peculiar to the editing and publishing of a weekly newspaper. Community analysis. (Offered on demand.)
- 60. EDITORIAL WRITING** **Two hours**
The theory and practice of editorial writing; the analysis of editorial policy; the interpretation of current news, especially in the fields of local, state, and national government. (Offered on demand.)
- 63. HISTORY AND INFLUENCE OF JOURNALISM** **Three hours first semester**
A study of the evolution and influence of newspaper and magazines, with special reference to the problems of present-day journalism. Study of relation of newspapers and magazines to public opinion, government and society. (Offered 1955-56 and alternate years.)
- 65. COMPARATIVE JOURNALISM** **Two hours**
A study of the press of other countries throughout the world, and the activities of American newspapers and press agencies in gathering foreign news. Consideration of censorship, ownership of communications and other obstacles to free flow of world news. (Offered on demand.)
- 66. TECHNICAL AND TRADE JOURNALISM** **Two hours**
Analysis of primary problems in editorial and business management of trade journals, house organs, and business papers. (Offered on demand.)
- 68. TEACHING JOURNALISM AND SUPERVISING PUBLICATIONS** **Three hours**
Lectures on teaching journalism courses and supervising publications on the high school and college levels. (Offered on demand.)

70. **LAW OF PRESS, RADIO, AND TELEVISION** Two hours second semester
Lectures and readings in libel and slander, the right of privacy, copyright, and other legal phases pertaining to media of communication.
75. **PRACTICAL JOURNALISM EXPERIENCE** Six to eight hours
Each qualified senior journalism major will be required to gain on-the-job experience with a Spokane publication.
- *81. **WRITING FOR PUBLICATION I** Three hours first semester
Lectures and practice in preparing special articles for newspapers and magazines. Each student in the class will submit his articles to newspapers or magazines as free lance efforts. Students interested in religious publication work will be assigned practical projects in that field. (Offered 1956-57 and alternate years.)
- *82. **WRITING FOR PUBLICATION II** Two or three hours second semester
An advanced feature writing course. Intensive free-lance writing is emphasized. Prerequisite: Journalism 81. (Offered 1956-57 and alternate years.) Course may be taken for credit in Christian Education.
- *83. **CRITICAL WRITING** Two hours
The function of criticism in journalism; reviewing of motion pictures, plays, and books for newspapers and magazines. (Offered on demand.)
90. **SEMINAR IN JOURNALISM** Limited to two hours
Opportunity for advanced students to do journalistic research. Work to be done in consultation with the head of the journalism department. Open only to seniors.
*Course may be taken for credit in English.

LIBRARY SCIENCE

Mrs. French

70. **CATALOGING AND CLASSIFICATION** Three hours summer session on demand
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 summer session on demand
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

Dr. Henning

Mr. Spalek

Modern language courses will be of immediate help to any student preparing for a government, business, teaching, or a missionary career and for those interested in international relations and traveling. Students of various departments will find in foreign scientific literature a valuable source for information and research work in their field. The ability to read a foreign language gives a new and direct approach to cultural and literary values of other nations.

A major consists of 30 semester hours in one language, including courses 1-2. A minor consists of 20 semester hours in one language, including courses 1-2. At least 14 hours of the major and 6 hours of a minor must be upper division work. A student who presents 2 high school units in the same language and is thereby admitted to course 3 must complete a major of 24 semester hours or a minor of 14 hours. Students who do not plan to teach a language may select a major combining two languages, which must consist of at least 34 semester hours, including 14 hours of upper division work. Education majors who select the field of one language from the broad area of Language Arts must complete 24 semester hours of that language.

Prerequisites for course 2 is one year of high school language or one semester of college language; for course 3, two years of high school language or one year of college language, or the equivalent as determined by a placement examination. Prerequisite for all upper division courses are courses 1-4 or the equivalent.

FRENCH

- 1-2. **ELEMENTARY FRENCH** Four hours each semester
 Fundamentals of pronunciation and grammar, vocabulary building, composition, reading of graded texts, conversation in French from the start.
- 3, 4. **INTERMEDIATE FRENCH** Three hours each semester
 Thorough grammar review with more advanced work in conversation and composition, and both intensive and rapid reading of texts.
50. **PHONETIC LABORATORY (French)** One hour (2 periods)
 Recommended for voice majors and prospective teachers. Principles of formation of sounds, phonetic transcriptions, pronunciation and intonation in speaking and singing German or French. Emphasis is on actual practice in pronunciation, checked by recordings of the students' work. Offered as needed.
- 51, 52. **SURVEY OF FRENCH LITERATURE** Two hours each semester
 Historical development of French Literature, with readings and discussion of representative masterpieces from the Middle Ages to the 20th century. Required for major or minor.
- 61, 62. **ADVANCED FRENCH COMPOSITION AND CONVERSATION** Two hours each semester
 Based on short texts or vocabularies of the different areas of modern life in order to help the student to more fluent expression in spoken and written French. Required for major.
71. **MODERN FRENCH NOVEL** Two to four hours
 The novel since Romanticism, including the schools of Realism, Naturalism, and the contemporary period.
72. **MODERN FRENCH DRAMA** Two to four hours
 The drama since Romanticism, including the various schools of the 19th and 20th centuries.
81. **DIRECTED FRENCH READING** One to four hours
 Reading and reports of works selected in one field of special interest: poetry, short story, essay, or prose.

GERMAN

- 1-2. **ELEMENTARY GERMAN** Four hours each semester
 German phonetics, essentials of grammar, acquisition of vocabulary, elementary composition. Conversation from the very beginning, later on reading of graded texts.
- 3, 4. **INTERMEDIATE GERMAN** Three hours each semester
 An intensive study of several modern short stories and selected poetry. Grammar review, composition and conversation. Course 4 includes also a general introduction to scientific German.
50. **PHONETIC LABORATORY (German)** One hour (2 periods)
 Especially recommended to voice majors and prospective teachers. For details see French 50.
- 51, 52. **SURVEY OF GERMAN LITERATURE** Two hours each semester
 Historical development of German Literature, with readings and discussion of representative masterpieces from the Middle Ages to the 20th century. Required for major or minor.
- 61, 62. **ADVANCED GERMAN COMPOSITION AND CONVERSATION** Two hours each semester
 Based on short texts or vocabularies of the different areas of modern life to help the student to more fluent expression in spoken and written German. Required for major.
71. **MODERN GERMAN NOVEL** Two to four hours
 German novel of the 19th and 20th centuries.
72. **MODERN GERMAN DRAMA** Two to four hours
 German drama of the 19th and 20th centuries.
81. **DIRECTED GERMAN READING** One to four hours
 Reading and reports of works selected in one field of special interest: poetry, short story, essay, or prose.

SPANISH

- 1-2. **ELEMENTARY SPANISH** Four hours each semester
 Fundamentals of pronunciation and grammar, vocabulary building, composition, reading of graded texts, conversation in Spanish from the start.
- 3, 4. **INTERMEDIATE SPANISH** Three hours each semester
 Thorough grammar review and more advanced work in conversation and composition, with both intensive and rapid reading of texts.
- 51, 52. **SURVEY OF SPANISH LITERATURE** Two hours each semester
 Historical development of Spanish Literature, with readings and discussion of representative masterpieces from the Middle Ages to the 20th century. Required for major or minor.
- 61, 62. **ADVANCED SPANISH COMPOSITION AND CONVERSATION** Two hours each semester
 Based on vocabularies and texts dealing with the different areas of modern life to help the student to more fluent expression in spoken and written Spanish. Required for major.
71. **MODERN SPANISH NOVEL** Two to four hours
 The novel since Romanticism with emphasis upon regionalism.
72. **MODERN SPANISH DRAMA** Two to four hours
 Spanish stage since Romanticism with emphasis upon social drama.
81. **SPANISH-AMERICAN LITERATURE** Two to four hours
 Readings from outstanding 19th and 20th century authors of the Spanish-American countries. Discussion on historical and literary development.

PHILOSOPHY

Mr. Yates

Philosophy attempts to answer questions pertaining to man's relation to God, the universe and his fellowman. By a critical examination of such efforts through the centuries the aim of this department is to provide for the student a working philosophy of life.

A minor consists of 18 hours.

31. **INTRODUCTION TO PHILOSOPHY** Three hours first semester
An introduction to the various systems. This course is a prerequisite to all other courses in Philosophy except 180.
55. **HISTORY OF ANCIENT PHILOSOPHY** Three hours second semester
From Thales to Ockam.
56. **HISTORY OF MODERN PHILOSOPHY** Three hours first semester
From Descartes to Dewey. Prerequisite: Philosophy 55.
58. **ETHICS** Three hours second semester
A comparative study of classical theories. Not offered 1955-57.
60. **LOGIC** Three hours second semester
Formal deductive reasoning. (Not offered 1955-56.)
62. **PHILOSOPHY OF HISTORY** Three hours second semester
The relation of man to historical movements. (Offered 1956-57.)
88. **PHILOSOPHY OF RELIGION** Three hours second semester
A general survey of the field with emphasis on the Christian interpretation of life and the universe. Prerequisite: Philosophy 31. (Not offered 1955-57.)
- 90, 91. **DIRECTED READINGS AND RESEARCH** One-three hours each semester
Research by senior students. Credit given depends upon the quantity and quality of work done in the investigation of philosophical problems.
180. **PHILOSOPHY OF EDUCATION** Three semester hours
For course description see Education 180. Given on demand.

RELIGION

Dr. Rodgers

Miss Jenkins

Miss Smith

Mr. Carr

Miss Baldwin

AIMS:

1. To aid the student in understanding the Bible and its unfolding of God's redemptive plan.
2. To prepare the student for courageous Christian living based on convictions and knowledge.
3. To instruct and prepare students in the field of Christian service.
4. To meet the requirements of the Board of Christian Education of the Presbyterian Church, U. S. A.

REQUIREMENTS FOR GRADUATION:

Eight semester hours are required for graduation, of which two should be taken each year. Two of the hours may be taken in Christian Education or Religion during the Junior or Senior year, provided that four hours of Bible have been completed. Freshmen are expected to take Bible 2, 11, or 12 during their first year. Students who have already had this basic material may substitute a higher course in Bible with the approval of the instructor of the desired course.

REQUIREMENTS FOR MAJORS AND MINORS:

1. A major in Bible Literature consists of 36 semester hours, including the eight required for graduation. The accompanying minor may not be in a related subject (such as Christian Education or Greek). Required courses are, in Group I: 11, 12, 39 or 42 or 47, 43, 48 or 50 or 55 or 56, 85 or 86, and 87. Group II: 45; and Group III: 54, and 77 or 88. In addition, Foreign Language, a semester of Literature, Philosophy 31, and History, either 1 and 2, or 43 and 44 and 72 are required. A total of ten hours from groups II and III may be allowed on a Bible major.

2. A minor in Bible Literature consists of 20 semester hours, of which five may be in groups II and III. Required courses are: 11, 12, 39 or 42 or 47, 60, and 87.

3. A major in Christian Education offers training toward professional or non-professional service in churches, schools, and on national and foreign mission fields. It or its equivalent is a prerequisite for candidacy for a Master of Education in the field of Christian Education. It consists of 32 semester hours, of which 16 must be in group II. Required courses are: Group II: 15, 24, 41, 71, and 80; Group I: 11, 12, 39 or 42 or 47, and 87; Group III: 77 or 88. Also required are: Foreign Language, Psychology 32, a semester of literature, and Music 77. Journalism 81 will be accepted in place of one elective course in fulfillment of the requirements for this major. In addition, two of the following are required: (1) Religious Drama: Speech 30, 31, and 3. Speech 10, 11 or 13, 14 are recommended also. (2) Recreational Leadership: P. E. 50, 45 or 67, and 36 or 39. (3) Secretarial Science: Sufficient course work in Elementary Typing to meet the minimum standards, and Sec. Sci. 5-6 or its equivalent determined by a proficiency test taken during the first year of residence. (4) A minor in Sacred Music is recommended with this major, and will be accepted in lieu of one of these options.

4. A minor in Christian Education consists of 20 semester hours, of which five may be in groups I and III. Required courses are: 15, 24, 71, and 80.

5. Graduate work is offered in Christian Education leading to the Master of Education degree. (See special brochure.)

GROUP I, BIBLE LITERATURE

- 2. LIFE OF JESUS ACCORDING TO MARK** Two hours either semester
The shortest Gospel, direct, full of power and action, presenting Jesus Christ as the Servant of God. Intended for beginners in Bible study.
- 11. INTRODUCTION TO THE OLD TESTAMENT** Two hours either semester
A rapid survey of the books of the Old Testament, with reference to their contents, and their value as preparation for the New.
- 12. INTRODUCTION TO THE NEW TESTAMENT** Two hours either semester
A survey of the books of the New Testament, with reference to their contents, and their contribution to the understanding of Jesus Christ.

39. **GOSPEL OF MATTHEW** Two hours first semester
The Gospel which presents Jesus Christ as King in fulfillment of Old Testament prophecies. (Offered 1955-56.)
42. **GOSPEL AND EPISTLES OF JOHN** Three hours second semester
A study of Johannine literature which presents the evidence for the basis of Christianity. (Offered 1956-57.)
43. **ACTS AND PRISON EPISTLES** Three hours first semester
An analytical study of the content of the book of Acts to acquaint the student with the scope and significance of New Testament History. Its relation to other New Testament writings is considered.
47. **GOSPEL OF LUKE** Two hours first semester
The presentation of Luke, the Physician, of Jesus Christ as the Son of Man and Saviour of the world. (Offered 1956-57.)
48. **NEW TESTAMENT LETTERS** Two hours second semester
A study of the shorter epistles in the New Testament, which serve as a guide to Christian living. (Offered 1955-56.)
50. **EPISTLE TO THE HEBREWS** Two hours second semester
The bridge between the Old and New Testaments. Christ's complete superiority to all the promises of the Old Testament is shown. Prerequisite: Bible 11. (Offered 1955-56.)
51. **DEVELOPMENT OF THE BIBLE** Two hours summer session
A study of the formation of the Bible, early manuscripts and translations. (1953.)
55. **THE CORINTHIAN EPISTLES** Two hours first semester
An expositional study of Paul's letters to Corinth concerning questions of conduct relative to the life, ministry and message of the Church. (Offered 1954-55.)
56. **ROMANS** Two hours second semester
An expositional study of this epistle whose message is basic to the Christian faith.
58. **HEBREW POETRY** Three hours second semester
A critical and devotional study of the majestic poetical books of the Old Testament, including Job, Psalms, Proverbs, Ecclesiastes and Song of Solomon. (Offered 1956-57.)
60. **TEACHINGS OF JESUS** Two hours second semester
This course is designed to answer the question, "What did Jesus actually say?" The study will deal with the relation of Jesus' teaching to personal and social problems.
66. **JEREMIAH** Two hours summer session
A detailed study of the book, the world of the prophet, his career, and his message for his own day, and the present time.
85. **MAJOR PROPHETS** Three hours first semester
A study of the five major prophetic books of the Old Testament including the history, life and times of the author, the construction and message of each book, with its application to the life of men. Emphasis will be placed upon the Messianic strain of the prophecies. (Offered 1955-56.)
86. **MINOR PROPHETS** Three hours first semester
A study of the ministry and messages of these prophets in their historical setting, with application to Christian living today. (Offered 1956-57.)
87. **FUNDAMENTALS OF THE CHRISTIAN FAITH** Three hours second semester
A systematic study of what the Bible teaches about God, man, sin, salvation, etc.
90. **BIBLE SEMINAR** Hours to be arranged
A course in individual research with personal conferences with instructor. Open to seniors and graduate students.

GROUP II, CHRISTIAN EDUCATION

15. **INTRODUCTION TO CHRISTIAN EDUCATION** Two hours first semester
A general survey of the field and need for Christian Education—its development in the last centuries through Sunday Church school, youth work, V. C. S., week-day classes, etc. Its basic philosophy and aims, and objectives.

24. **METHODS OF CHRISTIAN EDUCATION** Three hours second semester
A systematic study of the methods of Education as applied to the field of Christian Education.
41. **CHRISTIAN EDUCATION OF CHILDREN AND YOUTH** Four hours first semester
A study of the religious interests and needs of children and youth, and the methods and techniques essential to the development of adequate programs for these age groups. Prerequisite: Psychology 32.
45. **USE OF THE BIBLE IN CHRISTIAN EDUCATION** Three hours second semester
A practical course in teaching methods applied to each age level, and designed for use in the local Church School. (Offered 1955-56.)
63. **CHRISTIAN EDUCATION OF ADULTS** Two hours second semester
The need, the problems, the program, and the methods of adult education in the local church are considered. (Offered 1956-57.)
64. **USING AUDIO-VISUAL AIDS** Two hours second semester
See course description, Education 64.
65. **OPERATING AUDIO-VISUAL AIDS** Two hours on demand
See course description, Education 65.
67. **LEADERSHIP EDUCATION** Two hours summer session
A course designed for Church workers responsible for supervision of the church education in the local church. Including audio-visual demonstrations.
71. **ORGANIZATION AND ADMINISTRATION** Two hours second semester
A study is made of the current practices in organization and administration as applied to the educational program of the local church.
75. **CHRISTIAN EDUCATION IN YOUR CHURCH** Three hours summer
An overview of the needs, objectives, staff, curriculum, organization and supervision of the program of Christian Education in the local church.
80. **FIELD PROBLEMS IN CHRISTIAN EDUCATION** Three hours first semester
A study of specific problems in Christian Education and supervised work in the student's chosen field. A seminar course (Seniors only).
83. **WORSHIP IN CHRISTIAN EDUCATION** Two hours first semester
This course will deal with the meaning, history, development and psychology of worship. Special lectures on aids to worship. Supervised field trips included. (Offered 1955-56.)
91. **CHRISTIAN EDUCATION SEMINAR** Hours to be arranged
A course in individual research with personal conferences with instructor. Open to seniors and graduates.

GROUP III, RELATED COURSES IN RELIGION

46. **RELIGIONS IN AMERICA** Two hours second semester
A two-fold purpose: first, to study the history of religious development in America, and second, to make a survey of modern religious movements, "isms" and "cults." (Offered 1956-57.)
54. **GEOGRAPHY AND ARCHAEOLOGY OF THE BIBLE** Two hours first semester
The first part of this course is devoted to Biblical geography and the rest to "The voice of the spade in Bible lands." A knowledge of both parts of this course is essential to an understanding of Bible history. (Offered 1955-56.)

59. **HISTORY AND ORGANIZATION OF THE PRESBYTERIAN CHURCH** Two hours second semester
A survey of the history and organization of the Presbyterian Church from its beginning down to the present day. Its doctrine, form of government, and present-day influence will be considered. (Offered 1956-57.)
72. **COMPARATIVE RELIGIONS** Two hours second semester
A study of religious faiths of the world in relation to Christianity. (Offered 1955-56.)
77. **PSYCHOLOGY OF RELIGION** Two hours first semester
See course description, Psychology 77.
84. **HISTORY OF THE CHRISTIAN CHURCH** Three hours first semester
A survey of church history from the time of Christ to the modern day. (Offered 1956-57.)
88. **PHILOSOPHY OF RELIGION** Three hours second semester
See course description, Philosophy 88.

For graduate work in Christian Education, see write-up under Education Department and also special brochure.

SPEECH AND DRAMA

Mr. Waltz

Miss Eddy

The purpose of the Speech and Drama department is to give the student basic training in organizing and communicating ideas that will make him a more effective individual in social and business situations; to provide cultural training in the appreciation of drama and literature; and to develop the ability to effectively interpret literature and plays.

A major in speech and drama consists of at least thirty semester hours and a minor of at least sixteen semester hours. The courses will be selected after consultation with the speech department.

Students choosing the field of speech from the broad area in fulfillment of the requirements for the General Certificate in the State of Washington will be required to complete 24 hours of work in the department, the hours to be approved by the head of the department.

Foreign language is strongly recommended for all majors.

1. **FUNDAMENTALS OF SPEECH** Two hours each semester
A course designed to give the student development in speaking personality and powers of communication, with the aim of making the student a more effective unit in the social order. Required of each student in the freshman or sophomore year unless he has had a speech course and can demonstrate to the satisfaction of the instructor his ability to speak effectively before a group.
2. **SPEECH AND DISCUSSION** Two hours each semester
This course is designed to follow Course 1 in Fundamentals of Speech. Parliamentary procedure, public discussion, impromptu, and extemporaneous speaking are studied and practiced with the purpose of giving the student a better understanding of and further experience in the art of expressing his ideas most effectively in social, business, and public life.
3. **LITERARY INTERPRETATION** Three hours each semester
The aims of this course are to aid the students in comprehending the intellectual and emotional meaning of the printed page as intended by the author, and to give instruction and practice in the techniques that will enable the student to convey that meaning to others by the use of vocal and physical expression.
4. **LITERARY INTERPRETATION** Two hours each semester
This course gives continuation of the work in Literary Interpretation 3, including the more careful study of dialects and some of the more difficult types of interpretative reading.
5. **VOICE AND DICTION** Two hours second semester
A study of the mechanics of good voice and speech production and practical application and training in these techniques.

- 7, 8. ARGUMENTATION AND DEBATE** Two hours first and second semester
A course for beginning debaters in the theory and practice of debating. Practice in finding material, construction of main arguments, rebuttals, and delivery is stressed. Attention is given to the national debate question. Open to beginners, but previous speech experience is desirable.
- 10, 11. STAGECRAFT AND LIGHTING** One to two hours each semester
The principles and practice of designing and building scenery and of stage lighting compose the basis of this course. Three or more hours of class and laboratory per week are required.
- 13, 14. MAKE-UP AND COSTUME** One to two hours each semester
A study of the theory and practice of make-up for stage and the design and construction of costumes. Members of the class will assist in all college productions where make-up and costumes are needed. Three or more hours of class and laboratory work per week.
- 21. INTRODUCTION TO ACTING** Three hours each semester
A study and practice of the principles of acting including vocal and bodily expression and projection, pantomime, character portrayal, stage positions and movement, and the techniques of creating and sustaining a role.
- 22. PRINCIPLES OF ACTING** Three hours each semester
The work in this class will be concerned with the application of the techniques of course 21 through the actual experience of the preparation of and participation in various plays. Time for rehearsals outside of the regular class periods will be required. Course 21 is a prerequisite.
- 30. INTRODUCTION TO RELIGIOUS DRAMA** Two hours first semester
The intent of this course is to give a careful study of the use of dramatic forms in religious worship and religious education work, includes consideration of objectives, sources of material, various dramatic forms, procedures for different situations, and some experimental work.
- 31. RELIGIOUS DRAMA PRODUCTION** Two hours second semester
Students who have completed course 30 may take this course in experimental and production procedures in Religious Drama. The presentation of religious plays and dramatic programs both on and off the campus will be included in this work.
- 33. ADVANCED PUBLIC SPEAKING** Two hours second semester
A course in the more advanced forms of speech composition and presentation. Study in the selection, organization, and delivery of speech material will be stressed.
- 35. FUNDAMENTALS OF RADIO** Two hours first semester
A survey of radio broadcasting. Background material in radio transmission; discussion of acoustical problems; introductory information about various broadcasting systems; and the legal control of broadcasting will be presented. The student will visit local stations. Practice in microphone technique will be incorporated. Prerequisite 1. (Speech 3 is advised.)
- 36. RADIO SPEAKING** Two hours second semester
Application of the knowledge and techniques gained in Speech 35. The student writes and delivers radio talks and speeches. Assignments are arranged in order of increasing length and difficulty. Future ministers and business men can utilize the course in preparation for possible radio broadcasting in their careers. Prerequisite 35.

- 40, 41. **ADVANCED DEBATE** Two hours each semester
Students who have had courses 7 and 8 may secure further credit in debate by meeting regularly with the debate squad and participating in the debates assigned by the instructor. The national and western debate topics will be the basis of the work. Additional credits may be earned for a third year's work.
43. **RADIO WRITING** Two hours second semester
Journalism 43 may be taken for speech credit instead of journalism credit if desired. (See Journalism 43.)
- 53, 54. **ADVANCED LITERARY INTERPRETATIONS** Two hours each semester
A study of more advanced work in interpretation and the development of repertoire for advanced speech students. Prerequisites 3 and 4.
- 55, 56. **SURVEY OF WORLD DRAMA** Three hours each semester
A course designed to provide a foundation for the understanding of and an interest in drama as literature. The reading will consist of selected great plays from Aeschylus to the present. Offered for credit both in English and Speech departments. (Offered 1955-56 and alternate years.)
57. **SPEECH CORRECTION** Two hours summer
A survey of the nature, causes and principles of treatment of speech disorders with emphasis upon the educational and clinical aspects of the various problems covered. Recommended for education majors.
- 58, 59. **PLAY DIRECTION** Three hours each semester
The purpose of this course is to gain a basic knowledge of the best procedures in directing plays through study of authorities and by application of this knowledge in the selection, casting, directing and presenting of workshop plays. It is designed for those who may be called on to take charge of such work in school, church, or community. Courses 21 and 22 are prerequisites.
67. **CREATIVE DRAMATICS FOR CHILDREN** Two hours summer
A study of the principles and techniques involved in directing children's plays, adapting stories for presentation by children and instruction in the teaching of dramatic skills to children. Special emphasis will be given to the creative and recreational value of dramatics for children. Recommended for education majors.
- 90, 91. **PROJECTS IN SPEECH AND DRAMA** Given on demand
For students who are majoring or minoring in speech. Students will be given opportunity to work on individual projects in which they have especial interest. Hours and credits are to be arranged with the instructor.

PRIVATE LESSONS

Individual instruction in interpretation and speech may be arranged with the instructor. Fee: \$45 per semester. One hour credit is given for one thirty-minute lesson a week per semester. Students who present a senior recital are expected to take private lessons.

Division of the Sciences

BASIC SCIENCE MAJOR

In order to satisfy the requirement of many students who desire a broader education than that allowed by departmental majors, the major in basic sciences has been planned. This requires ten semester hours in each of the departments of Biology, Chemistry, and Physics, with ten hours of upper division credit in one of those fields. Modern Language and Mathematics are recommended. A minor must be chosen from some other division than that of the Sciences.

BIOLOGY

Dr. Alder

Dr. Thomson

Mrs. Henefer

The courses offered are designed to fulfill the needs of a Biology major as a preparation for teaching or for graduate school, as well as preparatory work for various phases of Applied Science, such as Medical, and Technological. A major in Biology consists of 28 semester hours, including Biology 1, 2, 11, 12, 55, 63, and 98-99. A major also requires 10 semester hours of Chemistry. Courses in Organic Chemistry, General Physics, and General Mathematics are desirable. A minor consists of 16 semester hours. Majors in Nursing Education will take the following courses in Biology for their minor: Biology 12, 20, 21 for 12 hours and 4 hours to be selected from Biology 35, 52, 55, 61, 63. Biology 35 should be included, if possible.

Students selecting the field of Biology from one of the broad areas in preparation for the General Certificate should consult with the Biology department relative to required courses.

CURRICULA OF PRE-MEDICAL STUDIES

Four 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, and B.S. in connection with training in Technology. The courses as recommended will satisfy the requirements of most professional schools. Alterations of the course and electives should be established by conference with the advisor assigned to this group.

MEDICINE

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

The major selected by a pre-medical student is optional, depending on the interests of the student. The usual majors chosen are Biology, Chemistry or Basic Sciences. Since about one-half of the medical colleges require a reading knowledge of one modern language it is recommended that two years of a modern language be included in the curriculum. These courses may be taken in the suggested order or changed by consultation with the advisor.

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

MEDICAL TECHNOLOGY

Students may become qualified in two years to enter a School of Technology and after spending one year in a technological school they will be eligible to take examinations for becoming a registered Medical Technologist. Whitworth has affiliation with the Medical Technology schools of the Deaconess and St. Luke's Hospitals whereby if a student spends three years at Whitworth before entering the school of technology he may meet the requirements for certificate issued by the Registry of Medical Technologists and also receive a B.S. degree.

CURRICULA OF PRE-MEDICAL STUDIES

Fall Semester	FRESHMAN YEAR	Spring Semester	
	Hours		Hours
English Composition	3	English Composition	3
Algebra	2	Algebra	2
Biology 11	4	Biology 12	4
Chemistry 5	5	Chemistry 6	5
Speech	2	Bible	2
Physical Education	1	Physical Education	1
	17		17

SOPHOMORE YEAR

Fall Semester		Spring Semester	
	Hours		Hours
Comparative Anatomy	4	History	3
Trigonometry	3	General Psychology	3
Economics	3	Quantitative Analysis	4
Sociology 11 or 12	3	Bible	2
Physical Education	1	Physical Education	1
Electives	2	Electives	3
Personal Hygiene	1		
	<hr/>		<hr/>
	17		16

JUNIOR YEAR

Fall Semester		Spring Semester	
	Hours		Hours
Language	4	Language	4
Physics	5	Physics	5
Embryology	4	Histology	2
Bible	2	Abnormal Psychology	3
Electives	2	Electives	2
	<hr/>		<hr/>
	17		16

SENIOR YEAR

Fall Semester		Spring Semester	
	Hours		Hours
Language	3	Language	3
Organic Chemistry	5	Organic Chemistry	5
Bible	2	Electives	7
Electives	5		
	<hr/>		<hr/>
	15		15

1. **GENERAL BOTANY** Four hours first semester
Structure and functions of roots, stems, leaves, and seeds. The practical aspects of botany are stressed along with fundamental biological processes. Three lectures and one three hour laboratory period. (Not offered 1954-55.)
2. **GENERAL BOTANY** Four hours second semester
Structure and relationships of the major plant groups. Three lectures and one three hour laboratory period.
3. **FLORA OF THE REGION** Four hours second semester
A study of the native wild flowers around Spokane and collecting, mounting, and classifying methods. Much of the laboratory time will be spent in the field. Three lectures and one three-hour laboratory period.
5. **BACTERIOLOGY** Three or four hours second semester
An introduction to the physiology of micro-organisms. Medical and public health aspects are emphasized. Two lectures and three hours of laboratory.
7. **ANATOMY AND PHYSIOLOGY** Five hours first semester
The study of the general structure and functions of human bodies through mammalian dissection, charts, models, and human skeleton. This course is designed to meet the needs of nursing and home economics students. Three lectures and two two-hour laboratory periods.
11. **GENERAL ZOOLOGY** Four hours first semester
This is a study of the structure and relationships of the invertebrates. Three lectures and one three-hour laboratory period.
12. **GENERAL ZOOLOGY** Four hours second semester
A study of the structure and relationships of the chordates, biological principles, animals in relation to environment, inheritance, and animal behavior. Three lectures and one three-hour laboratory period.

20. **HUMAN ANATOMY** Four hours first semester
A study is made of the structure and general plan of the human body. Demonstrations, charts, models, and the human skeleton are used in the laboratory. An embalmed doubly injected cat is dissected. Three lectures and one three-hour laboratory period.
21. **HUMAN PHYSIOLOGY** Four hours second semester
The circulatory, respiratory, digestive, uro-genital, endocrine, and neuro-muscular systems are studied. Three lectures and one three-hour laboratory period. Prerequisite: Biology 20.
35. **PARASITOLOGY** Two hours first semester
A study of the life-histories, morphology, and control of important human parasites. One lecture and three hours of laboratory.
38. **OUTDOOR WORKSHOP** Two hours summer
The purpose of the course will be to give practice in organizing studies about outdoor subjects. Examples of topics are: flowers, leaves, stems, roots, fruits, sex, birds, nests, rivers, erosion, clouds, insects, mammals, mountain formation, etc.
50. **COMPARATIVE VERTEBRATE ANATOMY** Four hours first semester
This is a detailed study of the anatomy of representative chordates, with most of the laboratory time spent on the anatomy of shark, amphibian, and mammal. Prerequisite: Biology 12. Two lectures and two three-hour laboratory periods. (Offered in 1955-56 and alternate years.)
52. **VERTEBRATE EMBRYOLOGY** Four hours first semester
The development of certain vertebrates from fertilization of the egg to completion of organogenesis is considered. Most of the laboratory work is devoted to the examination of chick and pig embryos. Prerequisite: Zoology 12. Three lectures and one three-hour laboratory period. (Offered in 1956-57 and alternate years.)
55. **EUGENICS** Two hours second semester
A study of the betterment of the "human race." Genetic and sociological aspects will be discussed and integrated. An introductory course in biology is recommended. Two lectures. (Offered in 1956-57 and alternate years.)
61. **HISTOLOGY** Two hours second semester
A microscopic study of cells, tissues and systems of vertebrates, especially mammals. Structure, function, and reproduction are coordinated. Prerequisite: Biology 12. One lecture and three hours of laboratory. (Offered 1956-57 and alternate years.)
63. **GENETICS** Three hours second semester
A study of the laws and principles governing heredity with application to plants, animals, and man. Three lectures. Prerequisites: Biology 1, 2, 3, 11, 12, or 20.
74. **HEALTH EDUCATION WORKSHOP** Two hours summer
See Education 74 for course description.
98. **ADVANCED BIOLOGICAL PROBLEMS** Hours to be arranged
This course is designed to offer advanced students an opportunity to strengthen their major. Assigned work on special topics may receive credit under this course number; it may include additional reading or advanced laboratory investigation in fields not covered by courses listed in this catalog. Prerequisites: One year of upper division courses in the department.
99. **THESIS** Hours to be arranged
Reviews of recent literature on present day problems in biology to be integrated with historical relationships by means of conferences and the preparation of a thesis. This course or Biology 98 required of all senior students majoring in biology. One or two hours of credit.

CHEMISTRY

Dr. Neustel

Mrs. Neustel

A major in Chemistry consists of 42 semester hours including courses 13-14, 53-54, 91-92. A minor consists of at least 24 semester hours. In addition to the general graduation requirements, majors are required to have a reading knowledge of German, 2 years of Mathematics, and General Physics. No credit will be given in hyphenated courses until all parts have been completed.

Those who select the field of Chemistry in fulfillment of the requirements for the General Teaching Certificate in Washington will be required to take the following: Chemistry 5-6, General; 13, Quantitative Analysis; and 53-54, Organic.

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
Chemistry 5 General	5	Chemistry 6 General	5
Mathematics 13	3	Mathematics 16	3
Mathematics 14	2	Mathematics 15	2
English 1	3	English 2	3
Bible	2	General Psychology	3
Physical Education	1	Physical Education	1
	<hr/> 16		<hr/> 17

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Chemistry 13		Chemistry 14	
Quantitative Analysis	4	Quantitative Analysis	4
Mathematics 55 Calculus	5	Mathematics 56 Calculus	5
German 1 Elementary	4	German 2 Elementary	4
Bible	2	Speech 1	2
Physical Education	1	Physical Education	1
	<hr/> 16		<hr/> 16

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Chemistry 53 Organic	5	Chemistry 54 Organic	5
Physics 11 General	5	Physics 12 General	5
German 3 Intermediate	3	German 4 Intermediate	3
Social Science	3	Bible	2
	<hr/> 16		<hr/> 15

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Chemistry 91 Physical	4	Chemistry 92 Physical	4
*Chemistry Elective	3	*Chemistry Elective	3
Bible	2	Chemistry 95	1
French or Elective	4	Social Science	3
Elective	2	French or Elective	4
	<hr/> 15		<hr/> 15

*Chemistry 56; 61-62; 71-72; or 101-102.

1-2. GENERAL CHEMISTRY

Four to five hours each semester

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

- 5-6. GENERAL CHEMISTRY** **Five hours each semester**
The fundamental laws and theories of general inorganic chemistry including a study of the common metals and elementary qualitative analysis. For students majoring in chemistry and students in pre-professional courses. Prerequisite: High school chemistry. Three lectures and two laboratory periods per week.
- 8. NURSING CHEMISTRY** **Three hours first semester**
A course giving the basic principles of chemistry as applied to the field of nursing. This course will not substitute for General Chemistry nor can it be counted towards a major or minor in chemistry.
- 11. QUALITATIVE ANALYSIS** **Three hours first semester**
Systematic analysis of the metals and the acid radicals by semi-micro method. Students will be required to analyze fifteen unknowns. Prerequisite: Chemistry 5-6. One lecture and two laboratory periods per week.
- 13, 14. QUANTITATIVE ANALYSIS** **Four hours each semester**
Gravimetric and volumetric analysis of standard laboratory compounds. Prerequisites: Chemistry 5-6. Two lectures and two laboratory periods per week.
- 30. ORGANIC CHEMISTRY** **Five hours second semester**
A special course for majors in Home Economics. Three lectures and two laboratory periods. (Offered 1955-56 and alternate years.)
- 53-54. ORGANIC CHEMISTRY** **Five hours each semester**
A study of the aliphatic and aromatic compounds of carbon with the laboratory preparation of typical group representatives. Prerequisites: General Chemistry. Three lectures and two laboratory periods per week.
- 56. ORGANIC PREPARATIONS** **Three hours second semester**
A laboratory study and preparation of different types of organic-compounds. Three laboratory periods. Prerequisites: Chemistry 53-54. (Offered 1956-57 and alternate years.)
- 61-62. BIOLOGICAL CHEMISTRY** **Three hours each semester**
Chemistry of the proteins; carbohydrates, and lipins with special reference to their digestion and metabolism. Prerequisites: General Chemistry, Chemistry 13-14 and 53-54. Two lectures and one laboratory period. (Offered 1955-56 and alternate years.)
- 71-72. ADVANCED QUANTITATIVE ANALYSIS** **Three hours each semester**
A laboratory study of the more difficult methods of analysis. Prerequisites: Chemistry 13-14. Three laboratory periods. (Offered 1956-57 and alternate years.)
- 91-92. PHYSICAL CHEMISTRY** **Four hours each semester**
A course dealing with the elements of physical chemistry. Prerequisites: Chemistry 5-6; 13-14; Physics; Calculus. Three lectures and one laboratory period.
- 95. SEMINAR** **One hour arranged**
For Seniors majoring in Chemistry.
- 98-99. ORGANIC ANALYSIS** **Two hours each semester**
Qualitative tests for the principal groups of organic compounds and quantitative analysis of animal and vegetable substances. Two laboratory periods per week. (Offered 1955-56 and alternate years.)

ENGINEERING

Mr. Carlson

Mr. Wilson

Engineering—civil, mechanical, electrical, aeronautical, chemical, etc.—is the application to specific problems of the principles and skills of mathematics, physics, chemistry and other sciences. The Engineering Program at Whitworth is so designed that a student, during his freshman and sophomore years, gives his entire time to basic studies. Then he may (1) enter upon the Whitworth-Lafayette Three-Two Engineering Plan, or (2) complete a science major for graduation, or (3) transfer to a specialized engineering school for professional work.

Whitworth College participates in the Three-Two Engineering Plan sponsored by the Board of Christian Education of the Presbyterian Church, U.S.A. Following three years of basic study at Whitworth College, the student transfers to Lafayette College, Easton, Pennsylvania. Lafayette is one of the old and well known engineering schools in the United States. Upon satisfactory completion of two years of specialized engineering study at one of these schools, and the completion of other graduation requirements, the student is awarded his science degree from Whitworth and his engineering degree from Lafayette. Additional information regarding requirements, courses, and expense may be secured by writing the Whitworth College Admissions Office.

Opportunities in science are very great at present. Between 1940 and 1950, in the United States, scientists working in educational institutions increased from 41,000 to 44,000; those in industrial employment from 40,000 to 83,000 and those in governmental employment from 19,000 to 47,000. Many opportunities are open to the well qualified man or woman.

Admission requirements: In addition to, or included in, the general requirements for admission to Whitworth, engineering students should have had in high school the following: Algebra $1\frac{1}{2}$ units, Geometry $1\frac{1}{2}$ units, Chemistry 1 unit and Physics 1 unit. Students with deficiencies should confer with the Engineering Adviser before completing registration.

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Trigonometry	3	Analytic Geometry	3
College Algebra	2	College Algebra	2
General Chemistry	5	General Chemistry	5
Engineering Drawing	2	Plane Surveying	3
Engineering Problems	3	Bible	2
Physical Education	1	Physical Education	1
	16		16

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
General Physics	5	General Physics	5
Calculus	5	Calculus	5
Advanced Engr. Drawing	2	Bible	3
English Composition	3	English Composition	3
Physical Education	1	Physical Education	1
	16		17

JUNIOR YEAR (Three-Two Plan)

	Hours	Required for
Economics 1 and 2.....	6	All
Speech 1	2	All
Bible	2	All
Psychology 21	3	Chemical, Mechanical and Administrative Engrs.
Geology 51 and 52.....	3	Civil, Mining and Metallurgical Engineers
Applied Mechanics	3	Civil and Administrative Engineers
Physics 57 and 58.....	5	Electrical Engineers
Physics 77.....	4	Mechanical Engineers
Mathematics 91.....	3	Electrical and Mechanical Engineers
Chemistry 11 and 13.....	7	Chemical, Mining and Metallurgical Engineers
Chemistry 14	4	Chemical Engineers
Chemistry 53 and 54.....	10	Chemical Engineers
Economics 30 and 31.....	6	Mechanical and Administrative Engineers
Economics 35	3	Civil, Electrical, Mechanical, Administrative Engrs.

(Transfer to Lafayette College after Junior year.)

JUNIOR YEAR (Other Students)

Mathematics Majors		Physics Majors		Chemistry Majors	
	Hours		Hours		Hours
Mathematics	6	Physics	10	Chemistry	15
Electives	24	Mathematics	6	Electives	15
		Electives	20		

SENIOR YEAR (Other Students)

Mathematics Majors		Physics Majors		Chemistry Majors	
	Hours		Hours		Hours
Mathematics	6	Physics	10	Chemistry	8
Electives	24	Electives	20	Electives	22

The student should keep in mind that from the elective hours a minor must be completed and all general requirements must be met.

ENGINEERING COURSES

3. **ENGINEERING DRAWING** Two hours, first semester
Fundamentals of engineering drawing, lettering, orthographic and isometric projection, cabinet and working drawings. Required of all engineering students.
4. **ADVANCED ENGINEERING DRAWING** Two hours, first semester
A continuation of Engr. 3, including the application to engineering of descriptive geometry. Includes 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 section lines, or planes of intersection.
5. **PLANE SURVEYING** Three hours, second semester
Study of methods in field and office, use and care of instruments, simple surveying problems, etc.
6. **ENGINEERING PROBLEMS** Three hours, first semester
Training in methods of analyzing and solving engineering problems. Includes graphical and analytical methods and practice in clear thinking and arrangement of work.
7. **MAGNETIC AND ELECTRIC CIRCUITS** Two hours, second semester
Fundamental theory and problem solving.
8. **APPLIED MECHANICS** Two hours, second semester
An elementary course in analysis and problem solving. Stresses statics. Involves only essential mathematics.

GEOLOGY

Dr. Neustel

The following courses in geology are offered for students in Civil, Mining, and Metallurgical Engineering in the Whitworth-Lafayette five-year Engineering Plan.

30. **INTRODUCTION TO HISTORICAL GEOLOGY** Four hours second semester
Characteristics of the geological eras and periods will be studied with special emphasis on the Pacific Northwest. Must be preceded by a four hour course in biology or by permission. Three lectures and one three-hour laboratory period a week.
51. **PHYSICAL GEOLOGY** Four hours first semester
The structural topographic features of the earth and the processes of their formation. Three lectures and one laboratory period.

52. HISTORICAL GEOLOGY

Four hours second semester

The development of the continents, oceans, mountain systems, and other features of the earth, and the development of plant and animal life. Three lectures and one laboratory period.

HOME ECONOMICS

Miss Boppell

Mrs. Wetherell

Training in Home Economics prepares young women for various professions, including homemaking. The courses offered are planned primarily for those who desire a general knowledge of Home Economics, and for those who plan to teach Home Economics. They may well serve as a preparation for more specialized training in the various related professions.

A major in Home Economics consists of thirty semester hours and a minor of at least sixteen. Required courses for a major are: 1, 14, 15, 16, 31, 32, 35, 51, 60, 63, and Sociology 53; for a minor 14, 15, 16, 31 and 32.

For those majoring in Home Economics one year of a foreign language in college (or two of a foreign language in high school), and courses in Art 7, Chemistry 1, 2, 30, Physics 5 and Biology 7 are required. Courses in bacteriology, economics and eugenics are advised. In addition, for those who plan to teach Home Economics or to attend graduate school, intermediate courses in foreign language are advised.

It is well for the student to choose her minor subject as early as possible in her college career. In planning her course, the student should check college graduation requirements, and plan her course so that any deficiencies will be corrected.

High school students planning to major in home economics in college will find it advantageous to have chemistry in high school.

Those who select the Field of Home Economics in fulfillment of the requirements for the General Teaching Certificate in the State of Washington will be required to take the following: 14, 15, 16, 31, 32, 35, 60 and 63. Other courses especially helpful in Homemaking teaching are: 8, 51 and 54.

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Introduction to Home Economics	1	Tailoring	3
Clothing Selection	2	General Chemistry	5
General Chemistry	5	Bible	2
English Composition	3	English Composition	3
Textiles and Clothing	4	Fundamentals of Speech	2
Physical Education	1	Physical Education	1
	16		16

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Food Preparation	3	Advanced Food Preparation	3
Beginning Design	2	Organic Chemistry (Chem. 30)	5
Foreign Language	4	Foreign Language	4
Consumer Economics	3	Personal Hygiene	1
Physics of the Home	4	Physical Education	1
Physical Education	1	Bible	2
	17		16

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Nutrition	3	Child Development	3
Anatomy and Physiology	5	Home Furnishing	3
General Psychology	3	Bacteriology	3
Electives	5	Bible	2
	16	Electives	4
			15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Marriage and the Family	3	Home Management	2
Bible	2	Work Experience	2-6
Philosophy	3	Home Management House.....	2-4
Electives	7	Income Management	2
	-----	Electives	7-1
	15		-----
			15

Courses recommended for electives are: Home Economics 8, 37, 54, 67, and 85, and Biology 5, 55, and Philosophy 31.

It should be kept in mind that a minor of at least sixteen hours must be completed from the elective hours.

GENERAL COURSES

- 1. INTRODUCTION TO HOME ECONOMICS One hour first semester
Introduces students to their work in this field and assists in adjustment to college life.
- 3. ETIQUETTE One hour second semester
(Offered 1956-57 and alternate years.)
- 74. DIRECTED READING IN HOME ECONOMICS Credit to be arranged
Intensive reading in some selected field of Home Economics. For upper division majors by permission.
- 85. WORK EXPERIENCE Two to six hours
Practical experience for seniors under the direction of a professional home economist. Hours and credit to be arranged in conference with the instructor.
- 92. SEMINAR IN CURRICULAR MATERIALS AND METHODS Two hours summer
A study of teaching media in home economics; techniques of teaching home economics.

TEXTILES AND CLOTHING

- 14. CLOTHING SELECTION Two hours first semester
Selection of clothing, considering 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.
- 15. TEXTILES AND CLOTHING Four hours first semester
A study of clothing construction, the use of the commercial pattern, fitting of garments; the textile fibers, standard and new fabrics.
- 16. TAILORING Three hours second semester
A continuation of Home Economics 15. Construction of garments requiring more advanced methods than in the preceding course; tailoring techniques. Prerequisite: Home Economics 15.
- 67. WEAVING Two hours summer term
Basic techniques used in weaving, and practical experience in weaving on two-harness looms. (Offered 1956-57 and alternate years.)

FOODS AND NUTRITION

- 10. FOOD PREPARATION FOR NON-MAJORS Two hours second semester
A survey course for students who are not Home Economics majors or minors; includes the principles of food selection, preparation and serving. No prerequisite. (Offered 1955-56 and alternate years.)
- 19. NUTRITION FOR NURSES Two hours first semester
Special emphasis is given in this course to the principles of normal nutrition and the principles and procedures in the care and preparation of foods; planned to aid the student as an individual, as a nurse, and as a teacher of health.

- 31. FOOD PREPARATION** **Three hours first semester**
A study of the fundamental principles involved in the selection, preparation, and serving of foods. Prerequisite: Chemistry 1-2.
- 32. ADVANCED FOOD PREPARATION** **Three hours second semester**
A continuation of Home Economics 31; includes the planning, preparation, and serving of meals; food costs and marketing. Prerequisite: Home Economics 31.
- 60. NUTRITION** **Three hours first semester**
A study of the components of the normal diet—carbohydrates, fats, proteins, minerals, and vitamins. Emphasis is given to quantitative as well as qualitative aspects; relation of food to health. Prerequisite: Chemistry 30. (Offered 1956-57 and alternate years.)
- HOME ADMINISTRATION**
- 8. HOME NURSING** **Two hours second semester**
To help homemakers and potential homemakers become more skilled and more resourceful in caring for the sick in their homes; includes the care of mothers and babies and helpless and aged members of the family. (Offered 1955-56 and alternate years.)
- 34. PRACTICAL PROBLEMS IN HOME FURNISHING** **Two hours summer**
Principles of selection and arrangement of furnishings. Laboratory work on elementary problems: making draperies, refinishing and covering simple pieces of furniture.
- 35. HOME FURNISHING** **Three hours second semester**
A study of the principles involved in the decorating and furnishing of the home. (Offered 1956-57 and alternate years.)
- 37. ECONOMICS OF CONSUMPTION** **Two hours first semester**
See Economics 37 for a description of this course. (Offered 1956-57 and alternate years.)
- 51. HOME MANAGEMENT** **Two hours second semester**
The organization and management of time and labor, and the selection of equipment for the home. (Offered 1955-56 and alternate years.)
- 54. INCOME MANAGEMENT** **Two hours second semester**
Planning personal and family spending; problems of choice-making; guides and standards for dividing the income and planning expenditures; consideration of the family's long-time savings and investment program. (Offered 1955-56 and alternate years.)
- 63. CHILD DEVELOPMENT** **Three hours second semester**
Needs, care and development of the child from infancy through pre-school years; includes a study of nutrition for children. (Offered 1956-57 and alternate years.)
- 90. HOME MANAGEMENT HOUSE** **Credit to be arranged**
Residence in Home Management House. Experience in managing the house, meal planning and preparation, buying and record-keeping, group relationships. Time and money management emphasized.

MATHEMATICS

Mr. Carlson

The program in the Department of Mathematics is designed to meet the needs of the following classes of students:

- (1) The general liberal arts student.
- (2) The students of natural science, engineering, and others planning technical careers.
- (3) The student planning to teach mathematics in a secondary school, and who seeks mathematics as his field of preparation.
- (4) The major in mathematics who anticipates graduate work in this field and whose ultimate goal is college teaching, professional mathematics, or fields of applied mathematics, such as statistics, actuarial science, etc.

A major in Mathematics consists of a minimum of 36 hours, including courses 13, 14, 15, 16, 55, 56 and at least 13 hours whose course numbers exceed 50. The course Physics 82 may be used to count as 3 of the above 13 hours.

Those who select the field of Mathematics in fulfillment of the requirements for the General Teaching Certificate in the State of Washington will be required to take the following with a total of 24 hours: 3, 4, 5, 6, 55, and 56. Courses 52 and 53 are recommended for this group.

A minor in Mathematics consists of a minimum of 20 hours including courses 13, 14, 15, 16, 55, and 56.

Mathematics may be selected to fulfill a part of the Graduation Requirements in Science and Mathematics. (See General Graduation Requirements.) Students in groups (2), and (4) are required to present credits for $1\frac{1}{2}$ units in high school algebra, 1 unit in plane geometry and $\frac{1}{2}$ unit in solid geometry. The deficiencies in advanced algebra and solid geometry can be removed by completing Mathematics 1-2 and 3.

It is strongly recommended that majors take two years of foreign language, these to be selected from German or French, or both.

The schedule suggested for the first two years in Mathematics is presented below. Juniors and Seniors should consult the head of the department before preparing their schedules.

FRESHMAN YEAR

First Semester		Second Semester	
Subject	Hours	Subject	Hours
Trigonometry	3	Analytic Geometry	3
College Algebra	2	College Algebra	2
Engineering Drawing	2	Plane Surveying	3
English Composition	3	English Composition	3
Bible	2	Public Speaking	2
Social Science	3	Electives	2
Physical Education	1	Physical Education	1
	16		16

SOPHOMORE YEAR

First Semester		Second Semester	
Subject	Hours	Subject	Hours
Calculus	5	Calculus	5
Physics	5	Physics	5
Descriptive Geometry	2	Bible	2
General Psychology	3	Electives	3
Physical Education	1	Physical Education	1
	16		16

1-2. FUNDAMENTALS OF MATHEMATICS

Two hours each semester

This course is designed to meet the elementary needs of students in introductory science courses, business administration, secretarial science, statistics, and other fields in which a thorough knowledge of the fundamentals of the mathematical processes is required or desirable. Arithmetical operations, applications of geometry, ratio and proportion, percentage, linear equations, quadratic equations, logarithms, use of the slide rule, and introduction to the trigonometry of the right triangle are included.

3. SOLID GEOMETRY

Three hours second semester

The study of lines, planes, polyhedrons, cones, cylinders, and the sphere, with applications to science, engineering, and industrial arts. Required of all majors in mathematics and students of pre-engineering who do not present $\frac{1}{2}$ unit of high school solid geometry.

- 13. PLANE TRIGONOMETRY** Three hours first semester
 This is a systematic study of the trigonometry of right and oblique triangles, trigonometric equations and identities and inverse functions. Applications will be made to the fields of plane surveying, navigation, and physics. This course is a prerequisite to Physics 11 and Mathematics 6.
 Note: Students should take 13 and 14 simultaneously.
- 14-15. COLLEGE ALGEBRA** Two hours each semester
 Study of quadratic equations, systems of equations, determinants, cubic equations, logarithms, infinite series, mathematics of investment, probability and complex numbers. No credit for one term only.
 Note: Students should take 15 and 16 simultaneously.
- 16. ANALYTIC GEOMETRY** Three hours second semester
 The study of coordinate systems, geometry of the straight line, conics, transcendental curves, parametric equations, and introduction to the geometry of three dimensions. Prerequisite: Mathematics 13, 14, 15.
- 21. MATHEMATICS OF FINANCE** Three hours second semester
 A mathematical study of compound interest, annuities, sinking funds, valuation of bonds, life insurance, and others. Prerequisite: Mathematics 1-2 or its equivalent, or special permission. (Given on demand.)
- 52. SOLID ANALYTIC GEOMETRY** Two hours first semester
 Coordinates of space, planes, lines, determinants, matrices, surfaces, curves and transformations.
- 53. COLLEGE GEOMETRY** Two hours second semester
 An introductory course including a study of the properties of the triangle and the circle. Recommended to those students who are preparing to teach mathematics.
- 55-56. DIFFERENTIAL AND INTEGRAL CALCULUS** Five 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. Prerequisites: Mathematics 13, 14-15, 16. Required of majors in mathematics, physics, chemistry, and engineering.
- 59-60. THEORY OF EQUATIONS** Two hours each 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: Mathematics 56.
- 71-72. ADVANCED COLLEGE ALGEBRA** Two hours first and second semesters
 Includes introductions to the theories of matrices, continued fractions, groups, number concepts. Prerequisite: Mathematics 56.
- 82. THEORETICAL MECHANICS** Three hours second semester
 A mathematical treatment of the mechanics of particles, solids, and introduction to wave mechanics. Prerequisites: Physics 12, and mathematics 91 or 98. Credit may apply toward either mathematics or physics. Given on demand.
- 91. DIFFERENTIAL EQUATIONS** Three hours first semester
 A semester course including ordinary and partial differential equations with applications to geometry and physics. Prerequisite: Mathematics 56. (Offered 1956-57 and alternate years.)
- 97-98. 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: Mathematics 56. (Offered 1955-56 and alternate years.)
- 99-100. VECTOR ANALYSIS AND TENSORS** Three hours each semester

WHITWORTH-DEACONESS AFFILIATION IN PROFESSIONAL NURSING

Miss Funk

Miss Mecker

Miss Anderson

PHILOSOPHY OF THE WHITWORTH COLLEGE NURSING PROGRAM

To prepare the student to be proficient in comprehensive nursing is the basic principle of good nursing education. Intrinsic to this is the knowledge, understanding and the ability to integrate the social sciences, the biological and physical sciences and nursing skills and techniques to meet the total needs of the patient and his place in the community

OBJECTIVES OF THE WHITWORTH COLLEGE NURSING PROGRAM

1. To educate the student of nursing in the fields of biological science so that she will be able to better understand the bodily functions in the light of disease processes.
2. To help the student transfer the physical science of chemistry and nutrition in relationship to disease and total understanding of the patient and his needs.
3. To integrate the student nurses' thinking with consideration for the patient as a person and his place in the community by giving them a broadened background in the social sciences and liberal arts.
4. To provide graduate registered nurses with a well-rounded program in social sciences and liberal arts. Also, to provide them with instruction in ways of integrating this knowledge into their nursing experience.

This course is designed to accommodate three programs: Those who desire to take a year of college preparatory to entering nursing at the Deaconess Hospital, those who wish to work for a degree upon completion of the diploma course at the Deaconess Hospital and those who want to work for a degree by transferring their graduate-nurse credits from other accredited hospital schools of nursing.

For the student who needs or prefers it and can afford college life first, the degree program provides her with the opportunity for a stronger educational background and increased possibilities for character development through the Christian emphasis which is on the campus.

From the student point of view the advantages of the Whitworth-Deaconess affiliation in nursing are:

- (1) There is the opportunity to select the program which is best for her individual needs and financial situation.
- (2) Regardless of which program is chosen it is possible for the student to reach the same goals of a diploma in nursing from the Deaconess Hospital School of Nursing which qualifies her to become a candidate for state registration, and a Bachelor of Science degree from Whitworth College in approximately the same length of time if she so desires.

MISCELLANEOUS REQUIREMENTS FOR A MAJOR IN NURSING

Subject	Hours		Hours
Sociology 11 and 12	6	Psychology 68	2
Sociology 41	3*	Education 103	3
Sociology 61 or 62	2	History or Political Science	
Psychology 41	3	Elective	3
		Literature Elective	3
		Fine Arts Elective	3

*Waived for Biology Minor

REQUIREMENTS FOR A MINOR WITH A CHOICE
FROM THE FOLLOWING THREE FIELDS:

Biology Minor		Psychology Minor		Sociology Minor	
Subject	Hours	Subject	Hours	Subject	Hours
Biology 20-21	8	Psychology 55	3	Sociology 71 or 74	2
Biology 12	4	Elective	3	Sociology 53	3
Biology 35	2	Approved Electives ..	10	Approved Electives ..	11
Approved Electives ..	2				
	<hr/>		<hr/>		<hr/>
	16		16		16

CURRICULUM OF THE BASIC DEGREE PROGRAM IN NURSING

First Semester—Whitworth College		Second Semester—Whitworth College	
Subject	Hours	Subject	Hours
Biology 20, Human Anatomy..	4	Biology 21, Human Physiology	4
Psychology, General Psychol- ogy	3	English 2, English Composition	3
Sociology 11, Introduction to Sociology	3	Sociology 12, Social Problems..	3
English 1, English Composition	3	Bible, Elective	2
Physical Education, Elective ..	1	Physical Education, Elective ..	1
Speech 1, Fundamentals of Speech	2	English, Elective in Literature	3
	<hr/>		<hr/>
	16		16

First Summer—Pre-Nursing Period (at Deaconess Hospital)—6 Weeks

Subject	Hours
Nursing Education 23, Nursing Arts 1.....	2
Nursing Education 24, Professional Adjustments 1.....	2
	<hr/>
	4

The Pre-Nursing Period is required of all students. Approximately 20 hours per week on clinical experience, medical or surgical, is included.

Third Semester, Whitworth		Fourth Semester, Whitworth and Deaconess	
Subject	Hours	Subject	Hours
Nursing 25, Nursing Arts II ..	2	Nursing 26, Nursing Arts III ..	2
Chemistry 8, Nursing Chem- istry	3	Biology 5, Bacteriology	3
Bible, Elective	2	Physical Education, Elective ..	1
Home Economics 19, Nutrition for Nurses	2	Elective in Art or Music	3
Physical Education, Elective ..	1	Nursing 40, Pharmacology	4
History, Elective	3	Nursing 30, History of Nursing	2
Minor Elective	2	Nursing 58, Diet Therapy	1½
	<hr/>		<hr/>
	15		16½

Eight hours experience in clinical area each week.

One week vacation in December.

Second Summer

Clinical Period Begins—17 Weeks
(at Deaconess)

Subject	Hours
N. E. 42, Medical & Surgical Nursing.....	10
One hundred and twenty hours of class and seven weeks of clinical experience on both a medical and a surgical ward. Field trips, home visits, to Public Health agencies included. Three weeks vacation.	

Fall Quarter (third year)—12 Weeks*

Subject	Hours
N. E. 34, Professional Adjustments II	1
N. E. 60, Advanced Medical Nursing	6
Sixty hours of class and ward conference in the care of the patient who is medically ill and 12 weeks of clinical experience on medical ward.	
Classes include communicable, skin, and venereal diseases.	
	7

Spring Quarter (third year)—12 Weeks

Subject	Hours
N. E. 54, Professional Adjustments IV	1
N. E. 70, Obstetrical Nursing	6
Fifty hours of class and a minimum of twelve hours ward conferences, with four weeks of clinical experience in each of the following: Delivery Rooms, Maternity Wards, and Nursery.	
	7

Fall Quarter (fourth year)—12 Weeks

Subject	Hours
N. E. 64, Professional Adjustments V	1
N. E. 62, Advanced Surgical Nursing	6
Sixty hours of class and conference in the care of the patient who is surgically ill. Includes 8 weeks of practice in general surgical wards and 4 weeks of practice on orthopedic ward.	
	7

**Spring Quarter (fourth year)
Affiliation 12 Weeks**

Subject	Hours
N. E. 91, Tuberculosis Nursing (6 weeks at V. A. Hospital, Walla Walla.) Approximately 60 hours of class and clinical instruction.	3
N. E. 76, Pediatric Nursing Orthopedics	2
(6 weeks at Shriners Hospital, Spokane unit.) Eighty hours of classes and clinical instruction.	
	5

**Winter Quarter (third year)
12 Weeks**

Subject	Hours
N. E. 44, Professional Adjustments III	1
N. E. 72, Operating Room, Central Supply, and Emergency Nursing	6
Thirty-two hours of clinical instruction in Operating Room Technique, 8 weeks of Operating Room experience, 4 weeks experience in Central Supply.	
	7

**Summer Session (third year)
16 Weeks**

Subject	Hours
Psych. 65, Child Psychology....	2
N. E. 74, Pediatric Nursing, General	5
Seventy-eight hours of class and ward conference in care of children, with 8 weeks of clinical practice.	
N. E. 59, Diet Therapy Practice	1½
Clinical instruction and 4 weeks of experience in planning, preparing and serving special diets.	
4 weeks vacation.	
	8½

**Winter Quarter (fourth year)
Affiliation 12 Weeks**

Subject	Hours
U. of Wn., Psychiatric Nursing	5 Qur. hrs.
U. of Wn., Psychiatric Nursing Practice	5 Qur. hrs.
Eighty-two hours of class and clinical instruction. (12 weeks at Northern State Hospital, Sedro Woolley.)	

**Summer Session (fourth year)
12 Weeks**

Subject	Hours
N. 92, Administrative Nursing	2
Thirty-six hours of class in administrative nursing and 9 weeks of clinical practice	4
	6

*Beginning with this block of experience, the class is divided into four groups. Each of these groups has a different sequence of experience but all groups eventually receive clinical and theoretical instruction in the same areas as the other groups. This allows smaller classes. Theory is taught at the same time as the student receives clinical experience.

**Ninth Semester—Whitworth College
and Deaconess Hospital**

Subject	Hours
Psychology 68, Theory of Counseling and Guidance	2
Sociology 61 or 62, Rural or Urban Sociology	2
Nursing 99, Methods in Clinical Instruction	3
Psychology 55, Psychology of Adjustment	3
Minor Electives	5-8
	15-18

* Substitutions may be made at the recommendation of the Director of Nursing Education and the Dean or Registrar.

WHITWORTH - TRANSFER GRADUATE NURSE PROGRAM

First and Second Semester as for Pre-Nursing

Waive Physical Education

Third Semester		Fourth Semester	
Subject	Hours	Subject	Hours
Sociology 41, Social Psychology	3	Psychology 32, Developmental Psychology	4
Psychology 68, Theory of Counseling and Guidance ..	2	Sociology 62, Urban Sociology	2
Nursing 99, Methods in Clinical Instruction	3	History, Elective	3
English, Elective in Literature	3	Elective in Music or Art	3
Bible, Elective	2	Upper Division Elective	4
Upper Division Elective	4		16
	16	Fifth Semester	
		Subject	Hours
		Electives	16

CURRICULUM OF THE DIPLOMA PROGRAM IN NURSING

Pre-Nursing Period—6 Weeks
(Deaconess)

Subject	Hours
Nursing Education 23, Nursing Arts 1	2
Nursing Education 24, Profes- sional Adjustments 1	2
	4

A six-weeks period in the summer. Required of all students; approximately 20 hours per week on clinical, medical, or surgical experience.

Pre-Clinical Period

First Semester—Whitworth College
18 Weeks

Subject	Hours
Nursing Education 25, Nursing Arts 11	2
Chemistry 8, General Chemistry	3
Biology 7, Anatomy and Physiology	5
English 4, Composition	2
Bible, Elective	2
Home Economics 19, Nutrition	2
Physical Education	1
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	17

Eight hours clinical practice each week.

One week vacation at Christmas.

Pre-Clinical Period
Second Semester—Whitworth College
18 Weeks

Subject	Hours
Nursing Education 26, Nursing Arts 111	2
Biology 5, Bacteriology	3
Sociology 1, Introduction Sociology	2
Psychology 20, General Psychology	2
Physical Education	1
At Deaconess:	
Nursing Education 40, Pharmacology	4
Nursing Education 30, History of Nursing	2
Nursing Education 58, Diet Therapy	1½

17½

Fourteen hours clinical practice each week.

Clinical Period Begins
Summer Session (Deaconess)
17 Weeks

	Hours
N. E. 42, Medical and Surgical Nursing	10
One hundred and twenty hours of class and seven weeks of clinical experience on both a medical and surgical ward. Field trips, home visits, and visits to Public Health agencies are included.	
3 weeks vacation.	<hr/>
	10

Fall Quarter—12 Weeks*

	Hours
N. E. 34, Professional Adjustments II	1
N. E. 60, Advanced Medical Nursing	6
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	7

Sixty hours of class and ward conference in the care of the patient who is medically ill and 12 weeks clinical experience on medical ward. Classes include communicable, skin, and venereal diseases.

Spring Quarter—12 Weeks

	Hours
N. E. 54, Professional Adjustments IV	1
N. E. 70, Obstetrical Nursing	6
	<hr/>
	7

Winter Quarter—12 Weeks

	Hours
N. E. 44, Professional Adjustments III	1
N. E. 72, Operating Room, Central Supply, and Emergency Nursing	6
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	7

Thirty-two hours of clinical instruction in Operating Room, 8 weeks of operating experience, 4 weeks experience in Central Supply.

Summer Session—16 Weeks

	Hours
Psychology 65, Child Psychology	2
N. E. 74, Pediatric Nursing, General	5
Seventy-eight hours of class and ward conferences in care of children, with 8 weeks of clinical practice.	
N. E. 59, Diet Therapy Practice	1½
	<hr/>
	8½

Fifty hours of class and minimum of twelve hours ward conference, with four weeks clinical experience in each of the following: Delivery Rooms, Maternity Wards, and Nursery.

Fall Quarter—12 Weeks

	Hours
N. E. 64, Professional Adjustments V	1
N. E. 62, Advanced Surgical Nursing	6
	7

Sixty hours of class and conference in the care of the patient who is surgically ill. Includes 8 weeks of practice in general surgical wards and 4 weeks of practice on orthopedic ward.

**Spring Quarter—Affiliation
12 Weeks**

	Hours
N. E. 91, Tuberculosis Nursing	2
(6 weeks at V. A. Hospital, Walla Walla.)	
Approximately 60 hours of class and clinical instruction.	
N. E. 76, Pediatric Nursing	2
(6 weeks at Shriners Hospital, Spokane Unit.)	
Eighty hours of classes and clinical instruction.	4

*Beginning with this block of experience, the class is divided into four groups. Each of these groups has a different sequence of experience but all groups eventually receive clinical and theoretical instruction in the same areas as the other groups. This allows smaller classes. Theory is taught at the same time as the student receives clinical experience.

The diploma in nursing is granted to the student by the Deaconess Hospital School of Nursing upon satisfactory completion of this block of clinical experience.

DEACONESS GRADUATE NURSE PROGRAM

Seventh Semester

Subject	Hours
Speech 1, Fundamentals	2
Bible, Elective	2
History, Elective	3
English, Elective in Literature	3
Sociology 41, Social Psychology	3
Minor Elective	2
	18

Eighth Semester

Subject	Hours
English 2, Composition	3
Sociology 12, Social Problems	3
Sociology 61 or 62, Rural or Urban Sociology ..	2
Elective in Music or Art	3
Minor Elective	4
	15

Ninth Semester

Subject	Hours
Psychology 68, Theory of Counseling and Guidance	2
Nursing 99, Methods in Clinical Instruction	3
Bible, Elective	2
Elective	4
Minor Elective	5
	16

Clinical instruction and 4 weeks of experience in planning, preparing, and serving special diets.

4 weeks vacation.

**Winter Quarter—Affiliation
12 Weeks**

	Hours
U. of Wn., Psychiatric Nursing	5
U. of Wn., Psychiatric Nursing Practice	5
	10

10 Sem. hrs.

Eighty-two hours of class and clinical instruction. (12 weeks at Northern State Hospital, Sedro Woolley.)

Summer Session—12 Weeks

	Hours
N. E. 92, Administrative Nursing	2
Thirty-six hours of class in administrative nursing and 9 weeks of clinical practice	2
	4

COURSE DESCRIPTIONS

Required courses in the Biological, Physical, and Social Sciences, and the Division of Letters are listed under the respective departments.

NURSING AND CLINICAL PRACTICE (At the Deaconess Hospital)

23. **NURSING ARTS I** Two semester hours
 An orientation of the student to nursing skills and techniques. Emphasis is placed on the simple nursing procedures and on establishing desirable nurse-patient relationships. Discussion, demonstration, and practice of procedures in the classroom, are correlated with closely supervised practice in general medical and surgical departments. Twenty hours lecture and re-demonstration each week for three weeks.
24. **PROFESSIONAL ADJUSTMENTS I** Two semester hours
 This course is planned to orient the student to her profession. It emphasizes her ethical responsibility to patients, as well as to professional and non-professional workers with whom she will come in contact. It is also planned to aid her in adjusting to the student group and dormitory life. Lecture and discussion. Twelve hours per week for three weeks.
25. **26. NURSING ARTS II AND III** Two semester hours
 A continuation of the study of underlying principles, techniques and skills used in nursing, begun in Nursing I, designed to give an understanding of the fundamental needs of individuals and how these needs may best be met in planning nursing care. Discussion, demonstration, practice in the classroom and supplemented by practice on medical and surgical services of the Deaconess Hospital. One hour lecture, two hours of laboratory each week.
40. **PHARMACOLOGY** Four semester hours
 Designed to teach computation of dosage and preparation of solutions as well as to acquaint the student with the use of drugs in the treatment of disease, the precautions relating to their use, and the method of keeping informed about new medications.
58. **DIET THERAPY** One and a half semester hours
 A continuation of the study begun in nutrition of the diet as it affects restoration and maintenance of health.
59. **DIET THERAPY PRACTICE** One and a half semester hours
 The student receives 4 weeks experience in the special diet kitchen. She prepares special and calculated diets under the supervision of the hospital dietitian. Group and individual conferences are held.
30. **HISTORY OF NURSING** Two semester hours
 This course is designed to give the student nurse perspective in her understanding of current professional situations and to help her appreciate the heritage which is hers. Four hours lecture and discussion per week for nine weeks.
42. **MEDICAL AND SURGICAL NURSING** Ten semester hours
 A 14-week course with a minimum of 140 hours of class and ward conferences in Medical and Surgical Nursing (including Medical Science); 7 weeks or 210 hours of experience on a medical ward and 7 weeks or 210 hours of experience on a surgical ward. Designed to instruct the student in the basic principles of the cause, clinical manifestations, nursing care, and prevention of medical and surgical diseases. Student receives experience in the nursing care through the case method assignment. Experience includes administration of medicines, assisting with diagnostic procedures and other more advanced nursing techniques.
62. **ADVANCED SURGICAL NURSING** Six semester hours
 A 12-week course which includes 54 hours of class and conference in urology, gynecology, diseases of the ear, nose, and throat, as well as advanced surgical nursing problems. The student receives eight weeks or a minimum of 120 hours practice on surgical wards and four weeks or a minimum of 120 hours practice on the orthopedic ward. Special conferences in orthopedic nursing are given while the student is in the department. (Classes in orthopedic nursing are given at Shriners' Hospital during the pediatric affiliation.) Designed to provide the student with a basic knowledge of special areas of surgical nursing and experience in solving more advanced nursing care problems.

74. **PEDIATRIC NURSING—GENERAL** Five semester hours
 A course in pediatric medical and surgical nursing which includes 78 hours of instruction and 8 weeks or 224 hours of clinical practice. The course is designed to give an understanding of the growth and development of the normal child, the symptoms, nursing care, and means of prevention of childhood diseases.
76. **PEDIATRIC NURSING—ORTHOPEDIC** Two semester hours
 The student spends six weeks on affiliation at the Shriners' Hospital for Crippled Children, Spokane Unit. While there, the student receives approximately 70 hours of class and clinical instruction, including a 22 hour course in Orthopedic Nursing.
91. **TUBERCULOSIS NURSING** Two semester hours
 Students affiliate for six weeks at the Veterans Hospital in Walla Walla, where a safe and well planned experience is available in tuberculosis nursing. Class work as well as clinics and conferences make it a valuable learning experience.
- 250 (U. of W.). **INTRODUCTION TO PSYCHIATRY AND PSYCHIATRIC NURSING** Five quarter hours
 Elementary psychiatric nursing and mental health used in the nursing care of mentally ill patients, including special therapies and rehabilitation programs. This experience to be taken at Northern State Hospital.
- 251 (U. of W.). **SELECTED PSYCHIATRIC NURSING PRACTICE** Five quarter hours
 Planned experience in the care of the psychiatric patient with ward teaching. Thirteen weeks, Northern State Hospital.
34. **PROFESSIONAL ADJUSTMENTS II** One semester hour
 Designed to aid students in understanding and appreciating their legal and professional responsibilities as nurses through a knowledge of nurse practice acts and professional organizations. (A study of nurse practice acts, legislation, and of professional organizations.)
44. **PROFESSIONAL ADJUSTMENTS III** One semester hour
 A study of current events and trends in nursing.
54. **PROFESSIONAL ADJUSTMENTS IV** One semester hour
 A review of interesting articles as found in current issues of nursing magazines.
64. **PROFESSIONAL ADJUSTMENTS V** One semester hour
 A study of the opportunities open to the professional nurse and the qualifications demanded in the main branches of nursing.
92. **ADMINISTRATIVE NURSING** Two semester hours
 The student carries 36 hours of class in administrative nursing and nine weeks of clinical practice. This practice includes three weeks experience as charge nurse evenings, three weeks as charge nurse nights, and three weeks as assistant head nurse on days.
99. **METHODS IN CLINICAL INSTRUCTION** First and second semesters, 3 hours
 This course is designed for the graduate nurse as a survey course in clinical instruction. Its purpose is to acquaint the student with clinical instruction and its integration into the curriculum of the school of nursing. The first half of the term is spent in background study in teaching methods and their application in schools of nursing. The second half of the term is spent in cadet teaching at the Deaconess Hospital, with campus classes in the form of a seminar.
 *Public Health Nursing is an integral part of each of these courses. Included are selected experiences in public health nursing and field trips to the various agencies which illustrate the public health aspect of that particular course.

PHYSICS

Mr. Wilson

In industry, in the home, and in modern thought generally, physics is having an increasingly important part. It has been called "the basic science"—physical methods and observations are the foundation of engineering, medicine, psychology, etc.—and has been called "the easiest science"—explaining, in part at least, why physics developed earlier and more rapidly than others. Unfortunately there is, all

too often even among educated people, a wide gap between modern physics and the general comprehension of it. For this reason physics is recommended for all candidates for the B. A. and B. S. degrees. General physics is the minimum preparation for those intending to do successfully advanced work in engineering, medicine, dentistry, nursing, chemistry or biology.

A major in Physics consists of a minimum of 30 hours, including Physics 11, 12, 57, 58, 67, 77, 96, 97. In addition, General Chemistry and Calculus are required. The general college requirements for the Bachelor's degree must also be satisfied. Foreign language is recommended, especially for those planning graduate study in science.

A minor in Physics consists of a minimum of 16 hours, including Physics 11, 12, and 96.

Those who select the field of Physics in fulfillment of the requirement for the General Teaching Certificate in the State of Washington will be required to complete the following: Physics 11, 12, and 96 plus an additional 12 hours in Physics.

Laboratory breakage in excess of one dollar a semester will be charged to the student at the cost of repair or replacement of the broken items.

The following program is recommended for students majoring in Physics:

FRESHMAN YEAR

First Semester		Hours	Second Semester		Hours
Trigonometry		3	Analytic Geometry		3
College Algebra		2	College Algebra		2
General Chemistry		5	General Chemistry		5
English Composition		3	English Composition		3
Bible		2	Public Speaking		2
Physical Education		1	Physical Education		1
		16			16

SOPHOMORE YEAR

First Semester		Hours	Second Semester		Hours
Physics 11, General		5	Physics 12, General		5
Calculus		5	Calculus		5
General Psychology		3	Engr. 7, Electrical Circuits		3
Electives		2	Bible		2
Physical Education		1	Physical Education		1
		16			16

JUNIOR YEAR

First Semester		Hours	Second Semester		Hours
Physics 96, Mod. Physics		2	Physics 97, Atomic Physics		2
Physics 57, Elec. & Mag.		3	Physics 67, Optics		4
Physics 58, Elec. Meas.		2	*Math., Differential Eqs.		2
*Math., Differential Eqs.		2	**Chemistry, Quant.		4
**Chemistry, Quant.		4	Electives		3
Bible		2			15
		15			

SENIOR YEAR

First Semester		Hours	Second Semester		Hours
Physics 77, Heat		4	Physics 55, Radio		4
*Math., Adv. Calculus		5	*Math., Adv. Calculus		5
**Chemistry: Physical		4	**Chemistry: Physical		4
*Physics 81, Mechanics		2	*Physics 82, Mechanics		2
		15	Bible		2
					17

The following courses will be offered on alternate years and may be taken in any order: 55, 57, 58, 77, 96, and 97.

*Especially recommended for Physics—Mathematics students.

**Especially recommended for Physics—Chemistry students.

1, 2. SURVEY OF PHYSICAL SCIENCE Four hours each semester

Surveys growth and present status of the physical sciences—astronomy, geology, meteorology, chemistry and physics. For students not specializing in science. Requires only arithmetic and elementary algebra. Not acceptable toward major or minor in physics. Three lectures and one laboratory each week. (Offered in 1956-57 and alternate years.)

5. **PHYSICS OF THE HOME** Four hours first semester
 Intended particularly for home economics students. A working knowledge of arithmetic and simple algebra is assumed. Three lectures and one laboratory a week. (Offered 1956-57 and alternate years.)
6. **PHYSICS FOR NURSES** Three hours second semester
 Includes those topics of physics required for a working knowledge of the equipment and processes commonly used in nursing and medical care. Two lectures and one laboratory a week. (Offered in 1956-57 and alternate years.)
8. **ELEMENTARY PHOTOGRAPHY** Two hours first semester and summer term
 This course includes the elementary theory of photography and attempts to develop some skill in the exposing and processing of film, prints, and enlargements. Each student must have for his use a camera. Supplies will cost about five dollars. One lecture and one laboratory a week. (Offered 1956-57 and alternate years.)
9. **MUSICAL ACOUSTICS** Four hours second semester
 Designed particularly for students of applied and theoretical music. The nature, production and characteristics of musical sound and the physical basis of music will be studied. Three lectures and one laboratory a week. (Offered 1956-57 and alternate years.)
- 11, 12. **GENERAL PHYSICS** Five hours each semester
 First semester: mechanics and heat. Second semester: magnetism, electricity, sound and light. A working knowledge of algebra and trigonometry is assumed. Calculus should be taken concurrently. Physics 11 is prerequisite to Physics 12. Three lectures and two laboratories a week.
55. **FUNDAMENTALS OF RADIO** Four hours second semester
 An experimental and theoretical study of elementary radio. Three lectures and one laboratory a week. Prerequisite: Physics 12. (Offered 1956-57 and alternate years.)
57. **ELECTRICITY AND MAGNETISM** Three hours first semester
 A course in electrical theory on the intermediate level. Prerequisites: Physics 12 and Calculus. Whenever possible Physics 57 and 58 should be taken concurrently. (Offered 1956-57 and alternate years.)
58. **ELECTRICAL MEASUREMENTS** Two hours first semester
 An experimental study of the methods and equipment used to measure electrical and magnetic quantities such as field strength, potential, power, resistance, inductance, capacity, etc. Two laboratories a week. Prerequisite: Physics 12 and Calculus. (Offered 1956-57 and alternate years.)
67. **OPTICS** Four hours second semester
 The theory and more common techniques of optics. Prerequisite: Physics 12 and Calculus. (Offered 1956-57 and alternate years.)
68. **TECHNICAL PHOTOGRAPHY** Two hours, second semester and summer term
 A more advanced study of photographic processes and techniques. Prerequisite: Physics 8 or equivalent. Supplies will cost about seven dollars. (Offered 1956-57 and alternate years.)
77. **ADVANCED HEAT** Four hours first semester
 Heat and elementary thermodynamics. Prerequisite: Physics 11 and Calculus. Three lectures and one laboratory. (Offered 1956-57 and alternate years.)
82. **THEORETICAL MECHANICS**
 Partial mechanics. Prerequisite: Physics 11, Calculus and Differential equations or Advanced Calculus. (Offered on demand.)
91. **HISTORY OF PHYSICAL SCIENCE** Two hours summer term
93. **SPECIAL METHODS IN TEACHING LABORATORY SCIENCE**
 (Offered on demand.) Three hours summer term
96. **MODERN PHYSICS** Two hours first semester
 A survey of recent progress in physics. Prerequisite: Physics 12. (Offered 1956-57 and alternate years.)
97. **ATOMIC PHYSICS** Two hours second semester
 A study of atomic structure and behavior. Prerequisite: Physics 12, Calculus, and General Chemistry. (Offered 1956-57 and alternate years.)
98. **SEMINAR ON CURRENT RESEARCH** One to four hours credit
 A study of recent work in physics. Prerequisite: 30 hours of physics, 15 hours of chemistry, and Calculus. (Offered on demand.)
99. **SPECIAL PROBLEMS** Credit to be arranged
 Beginning research investigations.

Division of the Social Sciences

SOCIAL SCIENCE MAJOR

A social science major consists of thirty-nine hours of work, including three hours of Statistics and twelve hours in each of three of the following four fields: Economics, History, Political Science, and Sociology. Students majoring in Social Science should consult with the heads of the three departments in which they choose to do their work.

ECONOMICS AND BUSINESS AND SECRETARIAL SCIENCE

Dr. Bibb

Miss Evans

Mrs. Quall

The courses offered here are designed (1) to acquaint the student with the general field of business and industry; (2) to give him an understanding of economics; (3) 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 and Business consists of 36 semester hours which shall include courses EB 1A, 1B, 30, 31, 34, 35, 36, 49, 51, 56, 65. Six hours may be elective in upper-division courses in the field of Economics and Business. Foreign language is recommended. History 31-32 are required.

A minor in Economics and Business consists of 16 hours. It must include EB 1 and 2 which are prerequisites for most advanced courses. The remaining courses shall be selected after conference with the head of the department.

A minor in Economics in Adverting consists of 19 hours. The following courses are required: EB 1, 2, 35, 46, 68, and 93.

A major in Secretarial Science consists of 36 semester hours including Secretarial Science courses 1, 2, 3, 4, 5, 6, 7, 8, 36, 40, 63 and EB 1, 2, 30, 31. If satisfactory preparation has been made in Secretarial Science 1, 2, 5, 6, these courses are waived; other courses in the field of Economics and Business should be taken so that a minimum of 36 hours for a Secretarial Science major would be completed. History 31-32 are required.

A minor in Secretarial Training shall consist of 16 hours. These courses shall be selected after conference with the head of the department.

Those who select the field of Economics in fulfillment of the requirements for the General Teaching Certificate in the State of Washington will be required to take the following: Eb 1, 2, 30, 34, 51, 56, 57, 65.

Those who select the field of Secretarial Science in fulfillment of the requirements for the General Teaching Certificate in the State of Washington will be required to take the following: Secretarial Science courses 1, 2, or 3, 4; 5, 6, or 7, 8; 40, 63, EB 1, 30, 36.

It is recommended that Secretarial students select courses in history, sociology, psychology, literature, etc., to acquaint them with the social and cultural development of the world.

A major in Economics and Business shall be required to take Secretarial Science 1 and 2, or equivalent determined by a proficiency test taken during the first year of residence.

ECONOMICS AND BUSINESS

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Principles of Economics	3	Introduction to Business	3
English Composition	3	English Composition	3
Laboratory Science	4 or 5	Laboratory Science	4 or 5
Physical Education	1	Physical Education	1
Bible	2	Speech Fundamentals	2
*Typewriting	2	*Typewriting	2
15 or 16		15 or 16	

SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Accounting	3	Accounting	3
Economic Geography,	3	Salesmanship	3
Business English	2	Business Law	3
History 31	3	Bible	2
General Psychology	3	History 32	3
Physical Education	1	Physical Education	1
	15	Personal Hygiene	1
			16

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Money and Banking	4	Economic History of the	
History of Ec. Doctrines.....	4	United States, or	
Bible	2	Investments	3
Electives	6	Business Finance or	
	16	Marketing	3
		Statistics	3
		Electives	6
			15

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Market Research	2	Research	2
Bible	2	Business Fluctuations	3
Economic Research	2	Electives	11
Electives	9		16
	15		

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

SECRETARIAL SCIENCE

FRESHMAN YEAR

First Semester		Second Semester	
	Hours		Hours
English Composition	3	English Composition	3
Shorthand	4	Shorthand	4
Typing	2	Typing	2
Laboratory Science	4 or 5	Laboratory Science	4 or 5
Speech Fundamentals	2	Bible	2
Physical Education	1	Physical Education	1
	16 or 17	Personal Hygiene	1
			17

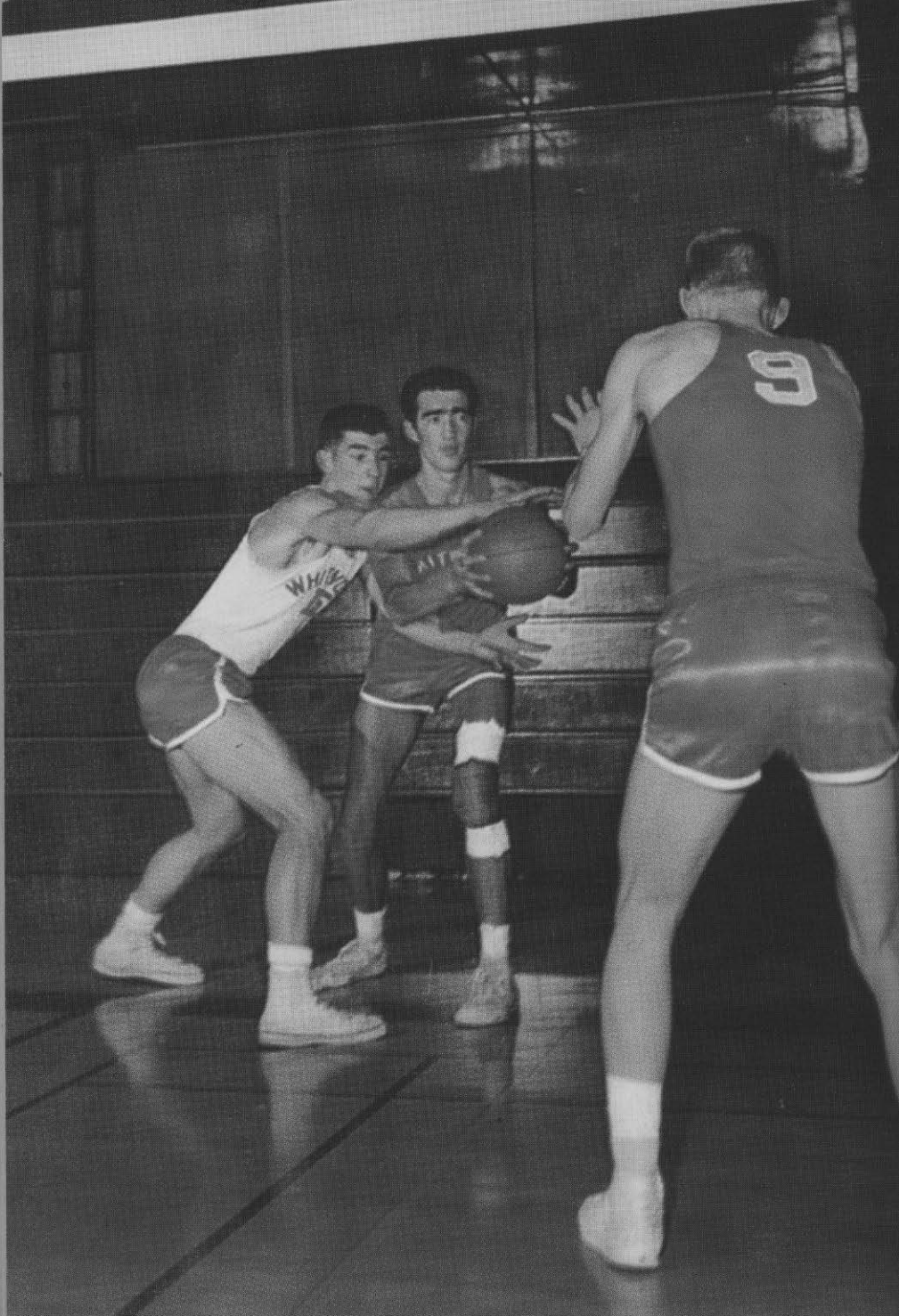
SOPHOMORE YEAR

First Semester		Second Semester	
	Hours		Hours
Principles of Economics	3	Introduction to Business	3
Shorthand	3	Shorthand	3
Typing	2	Typing	2
Accounting	3	Accounting	3
Bible	2	General Psychology	3
Business English	2	Secretarial Work	2
	15	Physical Education	1
			17



Typical Homecoming Scene

HIT WORK



WHIT
OF CHURCH, 918 S. 21ST

Varsity Action

JUNIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Physical Education	1	Business Law	3
Business Machines	2	Bible	2
Introduction to Sociology	3	Statistics	3
Money and Banking	4	Economic History of	
Economic Geography	3	United States	3
History 31	3	History 32	3
		Electives	2
	16		16

SENIOR YEAR

First Semester		Second Semester	
	Hours		Hours
Bible	2	Investments	3
Political Science	3	Office Management	2
Electives	10	Electives	11
	15		16

A minor must be completed from the electives and should be selected in the social sciences, such as history, sociology, political science and literature.

ECONOMICS AND BUSINESS

1A, 1B. PRINCIPLES OF ECONOMICS Three hours first and second semester

This course lays a foundation for future study in economics and business. The conventional treatment is followed, including: 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.

2. INTRODUCTION TO BUSINESS Three hours second semester

A course introducing the economic principles and their relationship to present-day business life. It deals with the basic tools of business administration, business ownership and organization, the nature of production, marketing, finance, and relationship to government. International trade as it affects American business, personnel relationships, and various problems of business are discussed.

21. MATHEMATICS OF FINANCE Three hours second semester

For course description see Department of Mathematics.

30, 31. ACCOUNTING Three hours each semester

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

32. COST ACCOUNTING Three hours first semester

Prerequisite: EB 30-31. Source of cost data; analysis, classification, and distribution of expenses; and the linking up of data with the general accounting records. (On demand.)

34. 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, economic system. The emphasis is on concepts rather than mere factual knowledge, although relevant data will not be neglected. (Offered 1953-54 and alternate years.)

35. **BUSINESS LAW** Three hours second semester
A consideration of the laws affecting business transactions. Essentials of contracts, offer, acceptance, agency, partnership, corporate law, sales, and negotiable instruments. Theoretical considerations are illustrated by the study of various cases—paying special attention to the bases of decisions. (Offered 1955-56 and alternate years.)
36. **BUSINESS ENGLISH** Two hours each semester
Business letters in their various forms. A course to give training in business methods as applied to office correspondence. Given as Economics 36, it is offered also for credit in English. Prerequisite: English 1, and ability to type. Limited enrollment.
37. **CONSUMER ECONOMICS** Three hours first semester
This course treats of the theory and practice of the economics of consumption. Buying habits, budgets, consumer prices, cooperatives, government protection of the consumer, Fair Trade laws, and other spheres of government aids. For women. (Offered 1956-57 and alternate years.)
46. **SALESMANSHIP** Three hours second semester
A practical course of the underlying psychological and logical principles involved in influencing buyers; correct and faulty methods of getting interviews, opening the interview, presentation of sales material, arousing interest, and successful closing of the sales. Psychological principles involved in selling are studied with a view of overcoming common errors. (Offered 1956-57 and alternate years.)
48. **PRINCIPLES OF ADVERTISING** Three hours first semester
An introductory course in advertising with an explanation of its importance in the distribution of consumer's goods, description of the various methods of advertising and the development of copy and layout of the complete advertisement. (Offered 1955-56 and alternate years.)
49. **STATISTICS** Three hours each semester
Statistical methods and their application to economic and social problems, emphasis being placed on the use and interpretation of statistical results.
51. **ECONOMIC HISTORY OF THE UNITED STATES** Three hours second 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 economical social efforts. (Offered 1955-56 and alternate years.)
53. **INVESTMENTS** Three hours second semester
Analysis of securities; the principles of diversification; securities exchanges; bonds and stocks as investments. (Offered 1956-57 and alternate years.)
55. **BUSINESS FINANCE** Three hours second semester
Prerequisites: EB 30-31. A study of the financing problems of modern business in the promotion, operation, reconstruction, and consolidation of enterprises. (Offered 1956-57 and alternate years.)
56. **MONEY AND BANKING** Four hours first semester
The topics treated in this course include: The nature, function and regulation of money and credit; the nature, function, and regulation of banks and other financial institutions; the Federal Reserve System; and the agricultural credit agencies in the United States.

57. **BUSINESS FLUCTUATIONS** Three hours second semester
Prerequisites: EB 55 and 56. Attention to regional and national condition. Some analysis of the causes for change, particularly of business cycles. (Offered 1954-55 and alternate years.)
61. **PUBLIC FINANCE** Two hours
An examination of the theories and facts relating to the finances of local, state, and national governments, with special reference to the United States. Public revenues from taxation, government-operated enterprises, and other sources; public expenditures; and public debts form most of the material of the course. (Offered on demand.)
65. **HISTORY OF ECONOMIC DOCTRINES** Four 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. (Offered 1956-57 and alternate years.)
68. **MARKETING** Three hours second semester
A general survey of the marketing process and functions, channels of distribution, commodity exchanges, wholesalers, retailers, department stores, mail order houses, chain stores, classes of commodities, with attention to the reduction of cost in distribution. (Offered 1953-54 and alternate years.)
- 91-92. **RESEARCH** Hours to be arranged with the instructor
Individual study.
93. **MARKET RESEARCH** Two hours first semester
To be arranged.
- SECRETARIAL SCIENCE**
- 1, 2. **ELEMENTARY TYPEWRITING** Two hours each semester
Five class periods per week. Fundamentals of typewriting, including technique of stroking, rhythm, accuracy, arrangement of work, acquaintance with the various parts of the typewriter and how to use them.
- 3, 4. **ADVANCED TYPEWRITING** Two hours each semester
Five class periods. Continuation of 1, 2. Further development of speed and accuracy; tabulation, arrangement of letters and business forms.
- 5-6. **ELEMENTARY SHORTHAND** Four hours each semester
Five class periods per week. Recommended Secretarial Science 1 and 2 or its equivalent. Completion of the manual and development of transcription ability. (No credit will be given for less than one year's work except where part of the course has been completed elsewhere.)
- 7, 8. **ADVANCED SHORTHAND** Three hours each semester
Three class periods per week. Continuation of Secretarial Science 6 with special emphasis on the development of speed and transcription skill.
36. **BUSINESS ENGLISH** Two hours first semester
For course description see Department of Economics and Business.
40. **SECRETARIAL WORK** Two hours second semester
Prerequisite: ability to type. Office dictation, filing, indexing, handling of mail, office appointments, telephone, modern office methods, duties of stenographic and allied departments, secretarial ethics, etc. (Offered 1954-55 and alternate years.)
63. **BUSINESS MACHINES** Two hours first semester
Prerequisite: Ability to type. A laboratory course which gives training in the use of various types of office machines, such as adding machine, calculator, phone, mimeograph, etc. (Open only to Secretarial Science, Economics, and Business students.)
66. **OFFICE MANAGEMENT** Two hours second semester
The organization of an office showing the functions and routines of different departments. A study is made of types and selection of office equipment. (Offered on demand.)

EDUCATION

Dr. Quall Dr. LaCoste Miss Baldwin Dr. Maxson
 Dr. Schlauch Mrs. Tiffany Dr. Bibb Mr. Johnson

A major in Education consists of at least twenty-eight semester hours, a minor, at least sixteen semester hours. General Psychology does not apply on a major or minor.

The State Department of Education of the State of Washington issues the Provisional General Certificate. This entitles the holder to teach on either the Elementary or Secondary level in a school in the State of Washington. The Provisional General Certificate will be issued at the end of four years of College training. One additional year of College or attendance at summer sessions will be required after actual teaching experience in the public schools, at which time the General Certificate will be issued. This program in all cases is to be approved by the Department of Education of Whitworth College. The initial four-year program is outlined below.

An over-all "C" average, and also at least a "C" average in the specific requirements for education, and in the selected options is required.

Students planning to teach on the elementary level below grade seven, should elect Option 3. Number 6, "Professionalized Minor," listed under Areas of Concentration must be selected as a part of Option 3.

In certain areas it may be necessary for the student to complete a total of 128 semester hours in order to have the desired courses and meet all general college requirements.

PROGRAM FOR THE PROVISIONAL GENERAL CERTIFICATE

General Requirements:	Options:	Areas of Concentration:
Art	1. One Broad Area:	1. Health Education.
Bible	24 hours in one field	(Including Physical
English Composition..	of broad area and 16	Education and Rec-
Health Education	hours in other fields	reation.)
Music 20 or 50	of area.	2. Language Arts (Read-
Physical Education ..	or	ing, Speech, Litera-
Psychology	2. Two Broad Areas of:	ture, Library, Foreign
Science	a-24 hours in one area	Language, Journalism.
Social Science	b-16 hours in a second	3. Social Studies (His-
(Including Wash-	broad area	tory, Geography, So-
ington History and	or	ciology, Anthropology,
Government)	3. Three Broad Areas:	Political Science and
Speech	14-hours in three	Economics, Psychol-
43	areas. For elementary	ogy.
Professional	teachers only. Area 6	4. Science and Mathe-
Requirements:	must be included as	matics. Biological
Introd. to Education..	one of the three.	Science and Physical
Development	Summary	Science.
Psychology	General	5. Fine Arts and Applied
Curricular Material	Professional	Arts. Art, Music (in-
and Methods	Broad Area	cluding Music Theory
Directed Teaching	Electives	and Music Education),
and Observation	124	Applied Music, Indus-
State Manual		trial Arts, Home Eco-
Electives Ed. 61 or 68		nomics, Commercial
Individual Research..		and Agriculture.
29		6. Professionalized Minor
		(To be used in Option
		III only. Elect 14
		hours from the follow-
		ing: 45, 59, 69, 70, 75,
		76, 77, 78, 79, 81, 82,
		plus varied offerings in
		elementary education
		as college curriculum
		allows.

SUGGESTED SCHEDULE FOR GENERAL CERTIFICATE

FRESHMAN					
Fall Semester		Hours	Spring Semester		Hours
English Composition		3	General Psychology		3
Bible		2	English Composition		3
Physical Education		1	Health Education		2
Science		4	Physical Education		1
Broad Areas or Speech		6	Science		4
		16	Broad Areas or Speech		3
					16

SOPHOMORE					
Fall Semester		Hours	Spring Semester		Hours
Introduction to Education		3	Developmental Psych.		4
Broad Area		8	Broad Area		8
Physical Education		1	Physical Education		1
Speech or Broad Area		2	Bible		2
Music 20 or 50		3	Elective		1
		17			16

JUNIOR					
Fall Semester		Hours	Spring Semester		Hours
Curricular Mat. & Methods ...		3	Curricular Mat. & Methods ...		3
Bible		2	Broad Area		5
*Education 68		2	Electives		7
Broad Areas		8	*Education 61		2
		15			17

*Either may be elected.

SENIOR					
Fall Semester		Hours	Spring Semester		Hours
Bible		2	Directed Teaching		
Social Science		4	and Observation		12
Broad Areas		4	State Manual		1
Electives		4	Washington State History		
		14	and Government		2
			Art (Art 50)		2
					17

DEGREE OF BACHELOR OF EDUCATION

Bachelor of Education degree may be elected by student at completion of 30 hours beyond A.B. degree. The requirements for this degree are as follows:

- 1—Thirty semester hours beyond the A.B. degree.
- 2—Completion of all requirements established by the State Department of Education for certification.
- 3—Additional requirements to be determined by the Department of Education.

4. SCHOOLROOM MUSIC

Three hours first semester

This course is designed for laymen and students who have not had previous musical training. The rudiments of music are presented beginning with notation and progressing through scale formation, intervals and simplest harmonic progressions. Rhythm and elementary sight singing are stressed. The various conductor beat patterns will be taught so that the student will be equipped for song leading.

21. GENERAL PSYCHOLOGY

Three hours each semester

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

25. **INTRODUCTION TO EDUCATION** Three hours first semester
A course designed to acquaint students with the entire field of education, elementary, junior high school and senior high school, by giving them a view of its aims and organization. Presents the opportunities and requirements of teaching with a view of helping students make a choice of their educational work. Laboratory experiences and observation are a part of this course, as well as projects with children's groups.
32. **DEVELOPMENTAL PSYCHOLOGY** Four hours second semester
The growth and development of the child from birth through adolescence, including the learning process. Designed to give an understanding of the child in life situations.
Lecture, seminar and laboratory experiences in actual contacts with children are a part of this course.
38. **OUTDOOR WORKSHOP** (See Biology 38) Two hours summer
45. **CHILDREN'S LITERATURE** Three hours second semester
Study of materials and methods relative to meeting growth of children in literary adaptation.
49. **FUNDAMENTALS OF STATISTICS** Three hours each semester
A basic course for students who are majors in the field of psychology or of education. It includes studies and practices in making distributions, computing measures of central tendency, variation and correlation. Emphasis is placed upon the use of statistics.
50. **ART EDUCATION METHODS** Two hours each semester
This course is designed for non-art-majors and for those who are interested in elementary school art. It will show the prospective teacher methods of progress, materials, and effective presentation.
59. **ELEMENTARY SCHOOL MUSIC** Two hours
For description, see Music Department.
60. **SECONDARY SCHOOL MUSIC** Two hours
For description, see Music Department.
61. **TESTS AND MEASUREMENTS** Two hours second semester
This study gives itself to analysis of individual and group psychological tests and their application to progress of the pupil. Time will be given to problems in making of classroom tests in classroom subjects.
63. **SECONDARY CURRICULAR MATERIALS AND METHODS** Three hours second semester
A study of the Morrison, Miller, Winnetka, and other methods. A study of technique in subject matter and bibliography will be made in cooperation with the major and minor departments reported by the students enrolled. The students will be required to make a study of methods used in their respective departments in the high schools of Spokane. Observation and reports will be required.
64. **USING AUDIO VISUAL AIDS** Two hours second semester
The theory and practice of using effectively modern audio-visual aids for teaching and adult education will be considered. (Offered 1953-54.)
65. **OPERATING AUDIO VISUAL AIDS** Two hours on demand
The theory and practice of using effectively modern audio visual aids for teaching. Adult education will be considered.
66. **EDUCATIONAL SOCIOLOGY** Four hours on demand
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. **THEORY OF COUNSELING AND GUIDANCE** Two hours first semester
The purpose of counseling, complexity of student problems, functions of the counselor, analytic and diagnostic techniques, use of academic achievement tests, personality tests and questionnaires, special aptitudes, treatment and vocational problems. (Prerequisites: 10 hours of psychology including Psychology 21, 32 and 55 or 59.)
69. **ELEMENTARY READING** Two hours first semester
A course designed to teach the processes of directing children of the lower elementary grades in the effective use of modern reading materials.

- 70. GENERAL SCIENCE IN THE ELEMENTARY AND JUNIOR HIGH SCHOOL** Two hours first semester
Adapting the needs of elementary and junior high school students to the field of general science.
- 71, 72. CURRICULAR MATERIALS AND METHODS** Three hours each semester
A study of teaching media and procedures. One of the courses leading to the General Certificate. It includes the nature of learning, class management, individual differences, measurement of achievement and techniques of teaching. Observation in the public schools and laboratory experiences in various child groups are an integral part of this course.
- 73. ELEMENTARY CURRICULAR MATERIALS AND METHODS** Three hours first semester
A broad, general study of teaching media and procedures for elementary school teachers.
- 74. HEALTH EDUCATION WORKSHOP** Two hours summer
The anatomical, physiological and bacteriological background for health education in the public schools.
- 75. LANGUAGE ARTS IN THE ELEMENTARY SCHOOL** Two hours second semester
Emphasis upon the teaching of the language arts, speech, oral and written expression, creative and dramatic work, handwriting and spelling, to meet the needs of the elementary school child.
- 76. ARITHMETIC IN THE ELEMENTARY SCHOOL** Two hours first semester
A course designed to teach the processes of directing children of the lower elementary grades in the effective use of arithmetic and number system.
- 77. SOCIAL STUDIES IN THE ELEMENTARY SCHOOL** Two hours first semester
Study of curricular materials and methods in social studies for the elementary level.
- 78. GEOGRAPHY IN THE ELEMENTARY SCHOOL** Two hours second semester
Study of materials and methods in geography for the elementary level.
- 79. ORGANIZATION OF CLASS MATERIALS IN THE ELEMENTARY GRADES** Two hours second semester
A course adapted to the needs of class members; group specialization at various levels.
- 81. STUDIES IN ELEMENTARY SCHOOL PROBLEMS** Two hours summer
A broad, general study of problems in elementary education. Teachers and students choose problems which are typical in a classroom and work them out in a seminar. (Offered 1953.)
- 82. ELEMENTARY SCHOOL PHYSICAL EDUCATION** Two hours
Study of materials and methods. Teaching specifically in physical education on the elementary level.
- 83-183. SEMINAR IN ELEMENTARY EDUCATION** Three hours summer
A study of teaching media and procedures. It includes the nature of learning, class management, individual differences, measurement of achievement and techniques of teaching. Given on demand.
- 90, 91. RESEARCH SEMINAR** Two or three hours as arranged
- 92. INDIVIDUAL RESEARCH** One hour
Required of students taking teaching and observation. Course given between the elementary and secondary period.
- 94. STATE MANUAL** One hour second semester
A study of the Washington State Manual, supplemented by lectures and discussion on the general field of secondary education in the state of Washington. Required for secondary certification.
- 95. DIRECTED TEACHING AND OBSERVATION** Twelve hours
Twelve weeks of daily observation and teaching of classes in the public schools of the area. Supervision by the regular teachers to whom the cadet is assigned. A one-hour conference period weekly is required of the class, and individual con-

ferences are required at the appointed times. Open to seniors and graduate students with approved teaching fields. Required for certification. Special fee for the proper remuneration for a master teacher in the public school system and school administrators. See section on financial information.

GRADUATE COURSES IN EDUCATION

The following courses are open to graduate students, and applied, if so elected, toward the graduate degree, MASTER OF EDUCATION.

In keeping with the developmental approach as the philosophy of education of the Department of Education of the State of Washington, Whitworth College offers the following graduate courses applicable for Elementary and Junior High Principal's Credentials (A-1; B-1) and Junior and Senior High School Principal's Credentials (A-2; B-2). Four hours must be from "A" list and the remaining four hours may be from "A" or "B" or both.

101. (A-1, A-2) **ADVANCED TECHNIQUES OF COUNSELING AND GUIDANCE** Three hours
A graduate seminar course considering the psychometrics and indirect methods of counseling and readings as basic consideration for directing educational and vocational programs of school children. The student may elect either the elementary or secondary level upon which to do basic research.
102. (B-1, B-2) **ADVANCED PRINCIPLES OF EDUCATION** Three hours
A course designed to acquaint the student with the broad principles governing American life and their relationship to the schools; teaching for democracy; relationship of education to American society; responsibilities of the teacher and administrator; human problems and the teacher. Adaptation of the schools to these basic problems. For teachers and administrators.
105. (A-1, A-2) **THEORY OF INTERVIEWING** Two hours
A research course in the techniques, purpose and evaluations of the indirect method of the interviewing phase of counseling. Materials commonly used by counselors in guiding individuals toward academic, vocational and personality adjustment will be used to supplement the verbal phases of interviewing.
113. (A-1, A-2) **STUDIES IN CHILD GROWTH AND DEVELOPMENT** Three hours
A genetic approach through research projects in achieving an understanding of the child's physical, mental and emotional growth.
114. (A-1) **EVALUATION OF THE ELEMENTARY CURRICULUM** Two hours
A survey of materials in common usage in elementary public schools. A seminar.
116. (B-1, B-2) **EDUCATIONAL MEASUREMENTS** Two hours
A study in psychological testing and evaluation of such tests. The course also includes the making of certain diagnostic instruments usable in evaluating pupil growth in personality and subject matter.
121. (A-2) **ORGANIZATION AND ADMINISTRATION OF SECONDARY SCHOOLS** Three hours
This course is designed especially for the training of administrators in the secondary and junior high school fields. It deals with the general qualifications of the successful administrator; his relationships to the board of education, the faculty and student; the principal and the community; special problems in the organization and administration of high schools; schedule making; and pupil personnel activities. The planning and organizing of supervisory programs; the teaching factor in pupil growth; and self-appraisal of the principal's educational leadership. Curricular evaluation will constitute a portion of this study in keeping with the developmental approach to the psychology of personality of the school child.
122. (A-1) **ORGANIZATION AND ADMINISTRATION OF ELEMENTARY SCHOOLS** Three hours
A comprehensive treatment of the problems associated with the organization and administration of the elementary schools. Curricular evaluation will constitute a portion of this study in keeping with the developmental approach to the psychology of personality of the school child.
123. (A-1, A-2) **CLASSROOM SUPERVISION** Three hours
The improvement of instruction through supervision in the first twelve grades.

124. (A-1, A-2) **THE SCHOOL AND COMMUNITY RELATIONS** Three hours
A course designed to help those who are interested in the total educational program of the community. Emphasis is placed on the development of a school-community program based on local needs.
131. (B-1, B-2) **ADVANCED EDUCATIONAL PSYCHOLOGY** Three hours
A systematic survey of the field of educational psychology for information and principles of practical value to teachers and administrators in the total public school program. The development of personality through counseling and guidance will be discussed.
132. (A-1, A-2)* **FOUNDATIONS OF CURRICULUM DEVELOPMENT** Three hours
Attention is given to the principles underlying curriculum development and the purposes, selection, and organization of instructional materials.
133. (A-1, A-2)* **SPECIAL PROBLEMS IN THE DEVELOPMENT OF CURRICULAR MATERIALS** Three hours
This course is conducted on the workshop basis. Students engage in the actual development of curriculum materials in the field of their choice.
136. (A-1, A-2) **STUDENT ACTIVITY PROGRAMS** Three hours
An analysis of the whole area of activity programs with regard to purposes, types of programs, specific activities, and the function and evaluation of such programs.
137. (B-1) **DIAGNOSIS AND REMEDIAL TEACHING** Three hours
Principles and methods of studying learning deficiencies (of normal pupils) in the basic school subjects. Methods are considered that have proved valuable in overcoming typical difficulties.
138. (A-1, A-2) **CURRENT EDUCATIONAL THOUGHT** Three hours
An examination of major issues confronting contemporary education in the United States and of critical thought bearing on those issues.
139. (A-2) **PRINCIPLES OF ADULT EDUCATION** Three hours
Consideration is given to major social factors leading to the growth and development of adult education. A study is made of types, techniques of teaching, the training of teachers and leaders, and research which furnish the basis for developments in adult education.
150. (A-1, A-2) **COMPARATIVE EDUCATION** Three hours summer
A study of contemporary education in various countries of the world. Given on demand.
152. (A-1, A-2) **PERSONALITY ADJUSTMENT THROUGH COUNSELING** Three hours summer
A course designed to acquaint the student with an understanding of human dynamics and the use of the indirect system of counseling as applied to personality problems relative to personality growth. Given on demand.
160. (A-1, B-1) **PUBLIC SCHOOL FINANCE** Two hours
The methods used in the past and present for financing the schools. Coordination and practices of the state, city, and local boards in providing funds; the annual budget and its control; the principal of prudence in the administration of funds; management of funds; statements and reports; salaries; cost analyses; auditing; and other means of control are studied. The methods, advantages, and administration of school bonds, and the philosophy of state and Federal support are given attention. For all administrators.
161. (B-1, B-2) **TESTS AND MEASUREMENTS** Two hours
Thus study gives itself to analysis of individual and group psychological tests and their application to progress of the pupil. Time will be given to problems in making of classroom tests in classroom subjects.
164. (A-1, A-2) **INSTRUCTIONAL MATERIALS CENTER** Two hours
A survey of trends in organization and administration of instructional materials used in the public schools.
165. (A-1) **ELEMENTARY SCHOOL GUIDANCE** Two hours
A study of the guidance program and the relationship of the teacher as counselor to the needs of elementary school children.

168. (A-1, A-2) **THEORY OF COUNSELING AND GUIDANCE** Two hours
The purpose of counseling, complexity of student problems, functions of the counselor, analytic and diagnostic techniques, use of academic achievement tests, personality tests and questionnaires, special aptitudes, treatment and vocational problems.
174. (B-1, B-2) **HEALTH EDUCATION WORKSHOP** Two hours
The anatomical, physiological and bacteriological background for health education in the public schools.
175. (A-2) **TRENDS IN CURRICULUM BUILDING** Three hours summer
A study of the problems in curriculum development and of promising practices in curriculum work. Given on demand.
180. **SEMINAR IN HISTORY AND PHILOSOPHY OF EDUCATION** Three hours
A seminar study in great movements in education considering in chronological order and with reference to evaluation of strengths and weaknesses. Individual and group projects.
181. (A-1) **STUDIES IN ELEMENTARY SCHOOL PROBLEMS** Two hours
A broad, general study of problems in elementary education. Teachers and students choose problems which are typical in a classroom and work them out in a seminar.
182. (B-1) **ELEMENTARY SCHOOL PHYSICAL EDUCATION** Two hours
Study of materials and methods. Teaching specifically in physical education on the elementary level.
183. **DEVELOPMENT OF AMERICAN EDUCATION** Three hours summer
A course designed to compare epochs in philosophy and history of educational practices in America. Given on demand.
186. (A-1, A-2, B-1, B-2)* **READINGS IN EDUCATION** Three hours
A graduate reading course in educational materials and basic studies in major areas of educational curricula.
- 190-191. (A-1,2, B-1,2) **RESEARCH SEMINAR** Two-four hours each semester
A supervised study into major problems in education. The student follows research methods similar to his individualized investigation. Subjects pertinent to either the elementary, junior high, or senior high school may be elected.
- 200, 201. **THESIS** Three hours each semester
Methodology of Research and Thesis writing.

*Level of emphasis must be stated.

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GRADUATE WORK IN CHRISTIAN EDUCATION

The Master of Education Degree will be awarded to graduate students in the field of Christian Education who have completed areas of study and research as listed below. A close affinity is noted between the Master of Education Degree as applied to the public school field and the Master of Education Degree as applied to Christian Education in the church. Requests for changes in the program leading to the Master of Education Degree must be made to the Graduate Council.

Methodology of Research
Advanced Educational Psychology
Curricular Problems
Advanced Techniques of Counseling
History and Philosophy of Christian Education
Supervision of Christian Education
Practicum (on Administrative level) and Seminar
Thesis
Electives (Approved by Department Head)

HISTORY

Dr. Brosnan

Dr. Duvall

A major in History consists of a minimum of 30 semester hours in history; a minor, at least 16 hours. Required courses are: 1, 2, 31, 32.

A foreign language is required of all majors in history. It is strongly recommended that students majoring in history take basic courses in Economics, Political Science, and Sociology.

- 1, 2. HISTORY OF CIVILIZATION** Three hours each semester
A survey of world history from pre-literary times to the present. Emphasis is placed upon the continuity of history and the relation which the past bears to contemporary civilization.
- 31. AMERICAN HISTORY TO 1865** Three hours first semester
A general course dealing with the development of the United States, including the European background, the colonial era, the struggle for independence, the development of national life and institutions, and the growth of sectionalism culminating in the Civil War.
- 32. AMERICAN HISTORY SINCE 1865** Three hours second semester
A continuation of History 31, emphasizing the development of the West, big business, overseas interests, and world leadership.
- 33. HISPANIC AMERICAN COLONIES** Two hours first semester
Early European explorations in the Americas are studied followed by the establishment of European empires and patterns of life, the development of colonial life, and the struggles for independence. (Offered 1956-57 and alternate years.)
- 34. HISPANIC AMERICAN REPUBLICS** Two hours second semester
A study is made of the development of the various nations of Hispanic America since independence. (Offered 1956-57 and alternate years.)
- 36. BACKGROUND FOR WAR** Two hours summer
A study of the basic economic problems and the political-social ideologies growing out of them, and how they have combined to produce the present tense situation internationally.
- 41. THE FAR EAST TO 1800** Two hours first semester
The aim of this course is to introduce students to the civilization of the Far East. A study of the political, economic, cultural and social problems of China, Japan, India, Siam, and the Pacific Islands to 1800.
- 42. THE FAR EAST SINCE 1800** Two hours second semester
A continuation of History 41, with emphasis upon the cultural changes which have arisen as a result of Western influence.
- 43, 44. THE ANCIENT WORLD** Two hours each semester
The first semester includes a study of the pre-literary beginnings of patterns of human organization, the development of civilized life in the Ancient Near East; and the life and thought of the Greeks. The second semester deals with the development of the republic in Rome, and the rise and decline of the Roman Empire. Emphasis is laid on the contributions of the ancient world to the modern world. (Offered 1956-57 and alternate years.)
- 51. ECONOMIC HISTORY OF THE UNITED STATES** Three hours second semester
(For course description see Economics 51.) (Offered 1955-56 and alternate years.)
- 55, 56. HISTORY OF ENGLAND** Three hours each semester
Emphasis is placed on the development of social, economic, and political institutions from earliest Britain to the Commonwealth of Nations. Special work will be assigned those who are interested in constitutional developments. (Offered 1956-57 and alternate years.)
- 62. PHILOSOPHY OF HISTORY** Two hours second semester
(For course description see Philosophy 62.) (Offered 1955-56 and alternate years.)

69. **HISTORY OF EUROPE, 1815-1914** Three hours first semester
A study of the Congress of Vienna, the era of reaction, the growth of liberalism and nationalism, the Industrial Revolution, and modern imperialism. (Offered 1955-56 and alternate years.)
70. **EUROPE SINCE 1914** Three hours second semester
A study of Europe since 1914 with special emphasis upon the background of the First World War; emphasis on the growth of totalitarianism and causes of the Second World War, the Second World War and results. (Offered 1955-56 and alternate years.)
- 71, 72. **THE RENAISSANCE** Three hours each semester
An integrated study of the fundamental social, economic and political changes which attended the coming of the Renaissance; the outstanding literary, artistic, philosophic, musical and scientific developments and brilliant personalities which characterized this period; presented by instructors from these various fields of learning.
- 75, 76. **THE AMERICAN COLONIES** Two hours each semester
A study of the transplanting of European culture to American soil; the development of these colonies through the War for Independence. (Offered 1956-57 and alternate years.)
- 77, 78. **THE WESTWARD MOVEMENT** Two hours each semester
A comprehensive study of the westward movement of the American people from colonial beginnings to modern times; the significance of the frontier in American History; the importance of the West as a section of the American nation. (Offered 1955-56 and alternate years.)
85. **WASHINGTON STATE HISTORY AND GOVERNMENT** Two hours second semester
Historical development of the territory and State of Washington; study of the beginning and present government. A required course for education majors planning to teach in Washington.
- 91, 92. **INDIVIDUAL CONFERENCE AND RESEARCH** One to three hours each semester
Students are allowed to follow their own particular interests in history under guidance and will be held for detailed reports of their research. Review will be made of the various techniques and methods in research and the proper utilization of each. Credit given depends upon the amount of investigation done by the student.
Open only to seniors and graduates. The consent of the instructor is required for admission to this course.

POLITICAL SCIENCE

Dr. Brosnan

Dr. Duvall

A major in Political Science consists of a minimum of 30 semester hours in political science; a minor, at least 16 hours. A foreign language is required of all who major in political science.

1. **AMERICAN NATIONAL GOVERNMENT** Three hours first semester
A study of the historical development and principles of the federal system of government in America; the territorial and functional distribution of government powers; civil rights; and political parties.
2. **AMERICAN STATE GOVERNMENT** Three hours second semester
A study of state constitutions; the government and politics of states; and inter-governmental relations.
- 21, 22. **CURRENT NATIONAL AND INTERNATIONAL PROBLEMS** Two hours each semester
A study of current events and issues on the national and world scene, with emphasis on the background and interpretation of these events and issues.
31. **MUNICIPAL GOVERNMENT** Three hours first semester
A detailed analysis of forms and problems of municipal government with special emphasis on those practiced in the state of Washington. (Offered 1955-56 and alternate years.)

32. PRINCIPLES OF PUBLIC ADMINISTRATION**Three hours second semester**

The structure, organization and principles of public administration; financial management; administrative responsibility and the relation between the administration and other branches of government. (Offered 1955-56 and alternate years.)

41. AMERICAN CONSTITUTION**Three hours first semester**

A study of the growth and development of the Constitution of the United States as reflected in the decisions of the Supreme Court. Special stress upon principles of the federal system; civil and political rights; executive power, powers of Congress, the Judiciary; the regulation of commerce; and taxation. (Offered 1956-57 and alternate years.)

42. AMERICAN POLITICAL PARTIES**Three hours second semester**

A study of political parties as an instrument in the development of the American democratic system. Emphasis will be placed upon the history of political parties and their place in the political history of the American Republic. (Offered 1956-57 and alternate years.)

51, 52. INTERNATIONAL RELATIONS**Three hours each semester**

A study of the factors, rules and customs which affect the relations of the national states; attempts to establish international organizations. (Offered 1956-57 and alternate years.)

53, 54. LATIN AMERICAN POLITICS**Two hours each semester**

A study of the Latin American states; their governments; international relations; and factors influencing these. (Offered 1956-57 and alternate years.)

55, 56. FAR EASTERN POLITICS**Two hours each semester**

The states of the Far East; their governmental structure; problems, and present position in world politics. (Offered 1955-56 and alternate years.)

61, 62. AMERICAN DIPLOMACY**Two hours each semester**

The origin and development of agencies and policies of diplomacy in America. (Offered 1956-57 and alternate years.)

63, 64. COMPARATIVE GOVERNMENT**Three hours each semester**

A comparative study of the government and politics of the leading nations of Europe. (Offered 1955-56 and alternate years.)

81, 82. HISTORY OF POLITICAL THOUGHT**Two hours each semester**

The thought of the political philosophers and the development of basic concepts of the state from the time of Plato to the present. (Offered 1955-56 and alternate years.)

91, 92. INDIVIDUAL CONFERENCE AND RESEARCH**One to three hours each semester**

Students are allowed to follow their own particular interests in this field under guidance and will be held for detailed reports of their research. Credit given depends upon the amount of investigation. Open only to seniors and those majoring in Political Science.

PSYCHOLOGY

Dr. Maxson

Mr. Adams

Mrs. Tiffany

Dr. Quall

Dr. Schlauch

A major in Psychology consists of at least 30 semester hours of credit; a minor, at least 16 hours. Required courses for a major are: 21, 32, 49, 51, 52, 59, 62.

Foreign language is required.

Students majoring in psychology should select courses in the biological field, including anatomy, physiology and genetics for the required laboratory science. Courses in mathematics are also recommended.

General psychology should be taken during the freshman year.

20. **GENERAL PSYCHOLOGY (For nurses only)** Two hours second semester
Description as in Course 21. Units applied to field of nursing.
21. **GENERAL PSYCHOLOGY** Three hours first and second semesters
Psychological preview, the sense organs, the nervous system, the muscles and the glands. Emotions and emotional conflict, habits, attention and perception, memory and learning, thinking, intelligence, personality and its measurement, personality and social living. (This course is a prerequisite to all courses in psychology.)
32. **DEVELOPMENTAL PSYCHOLOGY** Four hours second semester
The growth and development of the child from birth through adolescence, designed to give an understanding of the child in life situations, including the Learning Process. Lecture, seminar and laboratory experiences in actual contacts with children are a part of this course. Required for psychology majors.
33. **CHILD PSYCHOLOGY** Two hours first and second semesters
A course designed for nurses only, and offered at the hospital. The development of the individual from infancy through adolescence. Social, biological, and psychological implications are studied, using the developmental approach.
40. **APPLIED PSYCHOLOGY** Three hours first semester
A survey of psychology in human affairs, such as education, leisure time, crime, industry, college life, the home, etc.
42. **SOCIAL PSYCHOLOGY** Three hours first semester
For course description see Sociology 42.
49. **FUNDAMENTALS OF STATISTICS** Three hours first and second semesters
Required for psychology majors. For course description see Education 49.
51. **HISTORY OF PSYCHOLOGY** Three hours second semester
A survey of the development of psychology and a study of the different contemporary schools of psychology. Required for psychology majors.
52. **EXPERIMENTAL PSYCHOLOGY** Three hours first semester
A laboratory course in the fundamentals of general psychology. Laboratory periods—2 continuous periods twice weekly. Sensation, perception, color, color blindness, lens of the eye, and refraction, maze learning, rote learning, Galton whistle, discriminations of distance, tachistoscope, aussage experiment, mirror experiment, sonometer, reaction time, and reasoning problems. Prerequisite Psychology 49.
53. **PRINCIPLES AND PROBLEMS OF VOCATIONAL GUIDANCE** Two hours
An introductory course planned to give a basic knowledge of the principles, techniques, tools, and difficulties involved in giving vocational information and guidance.
54. **OCCUPATIONS** Three hours second semester
This course is planned for those who are giving courses in occupations and for those who need information on occupations for guidance purposes. Occupational analysis, field studies, school and industrial applications will be emphasized. An extremely valuable course for those interested in guidance and counseling.

55. **PSYCHOLOGY OF ADJUSTMENT** Three hours first semester
Origins of behavior, modification of behavior, motivation and adjustment, varieties of adjustive behavior, organic factors of personality, development of personality traits, guidance of readjustment, and the application of mental hygiene.
59. **PSYCHOLOGY OF ABNORMAL PEOPLE** Two hours second semester
Causes of mental disorders, disturbances of sensation, perception and association; delusions, abnormalities of memory, emotional disturbances, motor disturbances, intelligence abnormalities, suggestion, hypnosis, regression psychoneuroses, compensation, episodic disorders, prophylactic measures and mental hygiene.
62. **MEASUREMENT IN PSYCHOLOGY** Three hours first semester
Theory of psychological measurement. Use of psychological tests. Study of structure, purpose and usage. Special attention will be given to the Wechsler-Bellevue, and the Stanford-Binet scales of intelligence. (Prerequisite Psychology 49 and permission of instructor.)
63. **APPLIED BUSINESS PSYCHOLOGY** Three hours
A study of personality factors and individual differences in relation to success in business. The psychological principles involved in selling, advertising, personnel problems, mental and physical efficiency, intelligence, fatigue, motivation, and other areas.
68. **THEORY OF COUNSELING AND GUIDANCE** Two hours first semester
The purpose of counseling, complexity of student problems, functions of the counselor, analytic and diagnostic techniques, use of academic achievement tests, personality tests and questionnaires, special aptitudes, treatment and vocational problems. (Prerequisites, six hours in psychology.)
77. **PSYCHOLOGY OF RELIGION** Two hours first semester
A systematic investigation of religion and the application of psychological phenomena to religious experiences. Includes root and nature of religion, conversion, prayer, etc.
85. **GROUP THERAPY** Two hours first semester
A study of the principles of group guidance and counseling. For students who anticipate working with groups in which collective group experiences are part of the programs.
88. **READINGS IN PSYCHOLOGY** Two or three hours
A course designed for advanced students in psychology desiring directed reading in chosen fields with seminar discussions. For majors only.
- 90, 91. **RESEARCH SEMINAR** Two or three hours
Work to be done in consultation with the Head of the Department of Psychology. Open only to seniors and graduate students.
96. **LABORATORY TESTING AND GUIDANCE** Two to six hours
A workshop in laboratory methods and techniques used in psychological guidance programs. For majors only. (Prerequisite Psychology 49 and 62.)

SOCIOLOGY

Dr. Schlauch

Dr. LaCoste

Dr. Duvall

The courses in sociology are designed to provide:

1. An understanding and appreciation of human relationships and social problems.
2. A broad liberal background for later professional study in law, medicine, the ministry, and social work.

Students in sociology may prepare themselves for any one of the following fields of work:

- Social research
- Social service work (See "Pre-Social Work" below)
- Playground work
- Director of youth groups such as boy scouts and camp fire girls
- Teacher of sociology
- Probation or parole officer of a court or penal institution
- Criminologist or staff assistant in a penal institution
- Y. M. C. A. or Y. W. C. A. work

It is understood that for many of the positions listed above graduate work must be done in sociology or social work, or in other specified fields.

Through an arrangement with the Spokane Y.M.C.A. and the Y.W.C.A. the Sociology Department offers a series of courses in leadership training in social group work, including actual practice in the leadership of boys' or girls' groups at various age levels. The Y.M.C.A. and the Y.W.C.A. pay the expenses of these leaders to and from the places where they have charge of their youth groups.

A major in sociology consists of thirty hours of work, and a minor of sixteen hours. Required courses for a major are 11, 12, 41, 49, and 53. Required courses for a minor are 11, 12, 41, and 53.

It is recommended that sociology majors take principles of economics, United States history, American government, logic, biology, and considerable psychology. Foreign language is required of sociology majors.

Students preparing to teach in the public schools of the State of Washington under the General Certificate, and choosing Sociology as the field of concentration in the "Broad Area of Social Studies," must complete a total of twenty-four semester hours of Sociology, including courses 11, 12, 41, and 53.

PRE-SOCIAL WORK

The following program has been developed in consultation with a committee of practitioners representing the Inland Empire Chapter of the American Association of Social Workers, and is endorsed by this chapter. It is recommended that students planning to enter the field of social work major in one of the two fields of psychology and sociology, and minor in the other. In every case the student should plan his entire program in such a way as to meet the prerequisites of the graduate school of social work which he plans to enter. The courses listed below will meet the specific entrance requirements of schools of social work:

Courses Required for Social Work:

- | | |
|------------------------------------|---|
| Soc. 11, Introduction to Sociology | Psych. 21, General Psychology |
| Soc. 12, Social Problems | Psych. 32, Developmental Psychology |
| Soc. 31, Cultural Anthropology | Psych. 55, Psychology of Adjustment |
| Soc. 49, Statistics | Psych. 59, Psychology of Abnormal
People |
| Soc. 71, Principles of Social Work | Psych. 68, Theory of Counseling and
Guidance |
| Soc. 72, Field Observation | |
| Biol. 20, Human Anatomy | |
| Biol. 21, Human Physiology | |

Additional Courses Recommended for Social Work Students:

- | | |
|---|---|
| Soc. 53, Marriage and the Family | Home Ec. 54, Income Management |
| Soc. 41, Social Psychology | History 31 and 32, American History |
| Econ. 1A and 1B, Principles of Eco-
nomics | Pol. Sci. 1 and 2, American Govern-
ment |

- 1. INTRODUCTION TO SOCIOLOGY** Two hours second semester
An introduction to the field of sociology, with special emphasis on the problems of the family and the community.
- 11. INTRODUCTION TO SOCIOLOGY** Three hours first semester
A study of the major concepts of sociology. This course provides a background for further study in the field of sociology. It is the course required of students majoring in the field. (Credit cannot be given for both Sociology 1 and Sociology 11.)
- 12. SOCIAL PROBLEMS** Three hours second semester
A study of our chief social problems; their causes, their results, and some suggested solutions.
- 31. CULTURAL ANTHROPOLOGY** Two hours first semester
A study of comparative cultures, both primitive and modern. (Offered 1955-56 and alternate years.)
- 33. YOUTH AND MARRIAGE** Two hours first semester
A study of the factors in preparation for marriage and family life. Factors in marriage adjustment and parent-child interaction.
- 37. CRIMINOLOGY** Three hours first semester
A study of crime: nature and extent, causes, control; rehabilitation of the criminal. (Offered 1955-56 and alternate years.)
- 41. SOCIAL PSYCHOLOGY** Three hours first semester
A study of the relationship between social organizations and the personality attributes of members of society. The social nature of ethnic, racial, class, and sex differences. The development of a socialized personality.
- 42. RACE RELATIONS** Three hours second semester
A study of races and cultures, race attitudes and conflicts, race problems and race relations; special reference to problems in the United States.
- 43-44. LEADERSHIP TRAINING FOR SOCIAL GROUP WORK** Two hours each semester
Principles and practices of social group work; studies of group work agencies in the community; purpose and program of the Y.M.C.A. and the Y.W.C.A.; problems related to religious experiences and to home experiences; leadership techniques in recreation; organization of recreation for parties. (These courses, along with 59 and 60, are given in cooperation with the Y.M.C.A. and the Y.W.C.A. of Spokane. Prerequisites for these courses are General Psychology, Developmental Psychology or Child Psychology, and Introduction to Sociology. It is strongly recommended that students planning to take these courses take also Social Psychology, Physical Education Techniques and First Aid.)
- 49. FUNDAMENTALS OF STATISTICS** Three hours each semester
Statistical methods and their application to social problems, with emphasis on the use and interpretation of statistical data.
- 53. THE FAMILY** Three hours first semester
A study of the family in various cultures; family problems, approaches to their solution.
- 59-60. SUPERVISED GROUP WORK** Two hours each semester
Students taking these courses will spend approximately six to eight hours a week organizing and directing groups in connection with the Y.M.C.A. or the Y.W.C.A. In addition, there will be conferences of these leaders on the seminar basis at stated intervals.

61. **RURAL SOCIOLOGY** Two hours first semester
A study of the structure and institutions of the rural community; the social and economic problems of rural areas; community organizational approach to rural community functioning. (Offered 1956-57 and alternate years.)
62. **URBAN SOCIOLOGY** Two hours second semester
A study of the growth of cities, and the problems of city life. (Offered 1956-57 and alternate years.)
64. **PUBLIC OPINION** Two hours second semester
A study of the various factors in the formation of public opinion; the press, the radio, the public platform; censorship, propaganda, education; the techniques in democracies and dictatorships. (Offered 1956-57 and alternate years.)
65. **CONTEMPORARY SOCIAL MOVEMENTS** Two hours second semester
A study of the nature and origin of such social movements as socialism, communism, fascism, and social democracy. (Offered in 1955-56 and alternate years.)
71. **PRINCIPLES OF SOCIAL WORK** Two hours first semester
A study of the basic principles and practices in modern case work and community organization. Study of the present social work agencies, both public and private, and the roles and functions of social workers and administrators. (Offered 1956-57 and alternate years.)
72. **FIELD OBSERVATION** Two hours second semester
Supervised fieldwork with social agencies. (Prerequisite, course 71. Offered 1956-57 and alternate years.)
74. **COMMUNITY ORGANIZATION** Two hours second semester
A study of the organizations of communities for various social purposes. Includes both private and public organizations. (Offered 1955-56 and alternate years.)
- 91, 92. **INDIVIDUAL CONFERENCE AND RESEARCH** Two to four hours each semester
Students are allowed to follow their own particular interests in this field under guidance, and will be held for detailed reports on their research. Credit given depends upon the amount of work done, and the results of the investigation.

ENROLLMENT BY SEMESTERS

1953-1954

SUMMARY

Semesters	Men	Women	Total
Summer	75	146	221
Fall	391	410	801
Spring	374	404	778

INDIVIDUAL STUDENT ENROLLMENT BY CLASSES (no duplications in personnel)

Class	Total
Freshmen	295
Sophomores	199
Juniors	165
Seniors	172
Graduate and Post Graduate Students	67
Special Students	77
Total Individual Students	975
Veterans	171

WHITWORTH ALUMNI ASSOCIATION EXECUTIVE OFFICERS

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Vice-President—Richard Hanks.....	S. 809 Freya, Spokane
Secretary—Miriam Mackoff.....	1637 West Point Rd., Spokane
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Dr. William Richter.....	W. 207 26th, Spokane
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 Oregon
 Carol Chambers Andrews, Tekoa
 Catherine Caroline Baker, Clayton
 Warren Lovell Baker, Spokane
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 Laurencio DeAsis, Stockton, California
 Darlene Kay Delk, Yakima
 Donalee Ruby Delzer, cum laude,
 Nine Mile Falls
 Jack Emerson Dowers, Coeur d'Alene,
 Idaho
 Virginia Sage Edwards, cum laude,
 Entiat
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| Janice Marie Friedline, Yakima | Ray Thomas Woods, cum laude, Yakima |
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MASTER OF EDUCATION DEGREE

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| Mary Conrad Blevins, Spokane | Betty Faith Moore Snyder, Ontario,
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DOCTOR OF LAWS DEGREE

Mr. John A. Shaw, Jr., M.A., Superintendent of Schools, Spokane, Washington.

DOCTOR OF DIVINITY DEGREE

The Reverend Rolland Armstrong, B.D., Field Representative in Alaska for the Board of National Missions of the Presbyterian Church.

The Reverend Robert W. Lazear, Jr., M. Th., Executive Secretary of the Columbia Mission of the Presbyterian Church.

DOCTOR OF SCIENCE DEGREE

Mr. Benjamin Conrad Neustel, M.S., Head of Chemistry Department, Whitworth College.

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- Vernon Ray Beach, Clarkston
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 John Louis Vifian, Spokane
 David Leroy Voge, cum laude,
 Opportunity

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 Lihue Kauai, Hawaii
 Ernest Wall, Bell, California
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 Eugene, Oregon
 George Edwin Weber, cum laude,
 Spokane
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BACHELOR OF EDUCATION DEGREE

Nita Lee Haye, B.A., Rathdrum, Idaho
 Ray Roestel, B.A., Spokane
 Eugene D. Shaw, B.S., Tonasket

MASTER OF EDUCATION DEGREE

Philip James Holmes, B.S., Tonasket
 John Worthington Whipple, B.S.,
 Rockford

DOCTOR OF LAWS DEGREE

Mr. William Hutchinson Cowles, President Cowles Publishing Company, Spokane, Washington.

DOCTOR OF DIVINITY DEGREE

The Reverend Robert M. Christiansen, Minister Mt. Baker Community Presbyterian Church, Seattle, Washington.

The Reverend Lee Knoll, Minister First Presbyterian Church, Oregon City, Oregon.

UNIVERSITY OF MICHIGAN

1978

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