1-1-1952

Whitworth College Bulletin 1952-1953

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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. Merton D. Munn, Dean, should be addressed on all correspondence relating to the following:
   a. Educational Program of the College
   b. Guidance Program
   c. Scholarships
   d. Summer School
   e. Work Toward Master's Degree

Mr. J. L. Oakes, Business Manager, 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

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. Request for Catalogue

Miss Marion R. Jenkins, Dean of Women, or Dr. Theron B. Maxson, 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. Married Students' Housing
   d. Student Promotion

Mr. Russell Larson, Director of Student Employment should be addressed on all correspondence relating to student employment.
WHITWORTH COLLEGE

BULLETIN

Spokane, Washington

A COLLEGE OF
LIBERAL ARTS AND SCIENCES

Catalog Number

Announcements for 1952-1953

WHITWORTH COLLEGE BULLETIN

Vol. XXI
MARCH 1952

No. 4

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 1952-1953

## SUMMER SCHOOL
- **June 16**, Monday: Registration
- **June 17**, Tuesday: Class Instruction Begins
- **July 4**, Friday: Holiday
- **July 24, 25**, Thursday, Friday: (End first session) Final Examinations
- **July 21-August 22**: Seminar Session

## FIRST SEMESTER
- **Sept. 9, 10**, Tuesday, Wednesday: Registration of New Students, Orientation Days
- **Sept. 11**, Thursday: Registration of Upperclassmen
- **Sept. 12**, Friday: Class Instruction Begins
- **Sept. 12**, Friday: Formal Convocation
- **Oct. 3, 4, 5**, Friday, Saturday, Sunday: Women's Conference
- **Nov. 7, 8**, Friday, Saturday: Annual Homecoming
- **Nov. 3-7**: Mid-semester Examinations
- **Nov. 26, Wednesday, 1:10 p.m.**: Thanksgiving Vacation Begins
- **Dec. 1, Monday, 8:10 a.m.**: Thanksgiving Vacation Ends
- **Dec. 19, Friday, 1:10 p.m.**: Christmas Vacation Begins
- **Dec. 12, Wednesday**: Pre-registration for Second Semester
- **Jan. 20-23**: Final Examinations

## SECOND SEMESTER
- **Jan. 26, 27**, Monday, Tuesday: Registration of New Students
- **Jan. 28**, Wednesday: Class Instruction Begins
- **Jan. 28**, Wednesday: Convocation
- **March 23-27**: Mid-semester Examinations
- **March 27, Friday, 5:10 p.m.**: Spring Recess Begins
- **April 7, Tuesday, 8:10 a.m.**: Spring Recess Ends
- **May 8, Friday**: May Day Festival
- **May 30, Saturday**: Faculty-Senior Breakfast
- **June 3-8**: Final Examinations
- **June 6, Saturday**: Alumni Banquet
- **June 7, Sunday**: Baccalaureate Sunday
- **June 8, Monday**: Annual Meeting of the Board of Trustees
- **June 8, Monday**: Commencement
THE CORPORATION

BOARD OF TRUSTEES

CLASS OF 1951

Albert K. Arend ................................................................. Spokane
Charles F. Koehler, 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

CLASS OF 1952

Arthur E. Symons ................................................................. Seattle
Alfred Carlson ................................................................. Spokane
Otto R. Rabel ................................................................. Seattle
F. L. Graybill ................................................................. Spokane
Clarence A. Black ................................................................. Seattle
David L. Jones ................................................................. Seattle
Raymond W. Burch ................................................................. Coeur d'Alene, Idaho
Charles H. Frazier ................................................................. Spokane
Lawrence J. Mitchell ................................................................. Seattle
Mark L. Koehler, D.D ................................................................. Yakima

CLASS OF 1953

William L. McEachran, Chairman ........................................... Spokane
Paul Calhoun, D.D ................................................................. Spokane
Sheldon O. Price, D.D ................................................................. Wenatchee
Werner Rosenquist ................................................................. Spokane
Carroll M. Hull ................................................................. Yakima
John F. Reed ................................................................. Seattle
Carl L. Boppell ................................................................. Seattle
Arthur B. Langlie ................................................................. Seattle
Haydn Morgan ................................................................. Spokane

OFFICERS OF THE BOARD

William L. McEachran, Chairman ........................................... Spokane
Carroll M. Hull, Vice Chairman ........................................... Yakima
John L. Oakes, Secretary-Treasurer ........................................ Spokane
ADMINISTRATION

Frank F. Warren .................................................................................................. President
Merton D. Munn ................................................................................................. Dean
Theron B. Maxson .............................................................................................. Dean of Men
Marion R. Jenkins ............................................................................................... Dean of Women
John L. Oakes ...................................................................................................... Business Manager
Estella E. Baldwin ............................................................................................... Registrar
J. Paul Snyder ....................................................................................................... Director of Public Relations and Finance
Helmuth Bekowies ............................................................................................... Director of Admissions

ADMINISTRATIVE STAFF

Marilyn Ashburn ................................................................................................. Public Relations Secretary
Emery Blevins, M.A ........................................................................................... Assistant to Librarian
Bernice Bowdey, B.A ........................................................................................ Secretary to the Business Manager and Veterans Coordinator
Daniel Cheska .................................................................................................... Superintendent of Buildings
Ella Ciferri, B.A .................................................................................................. Secretary to the Dean
Rosalice Coleman, B.A ..................................................................................... Transcript Clerk
Carl Christensen, B.A ......................................................................................... Student Body Manager
Betty Ann Douglass, M.A ................................................................................. Secretary to the President
Rhea French, B.A ............................................................................................... Librarian
Shirley Gallaher .................................................................................................. Secretary to the Director of Admissions
Eunice Handel ..................................................................................................... Secretary, Mailing and Service Department
Richard Hardesty, B.A ..................................................................................... Alumni Secretary and Public Relations
Mrs. F. T. Hardwick .......................................................................................... Bookstore Manager
Ina Henefer ......................................................................................................... Dining Room Hostess
Ruth Hughes ....................................................................................................... Switchboard Operator
E. L. Lind ............................................................................................................ Superintendent of Grounds
Dayne Nix ........................................................................................................... Assistant to the Business Manager
Helen Rainey, B.A ............................................................................................. Secretary to the Registrar
Eleanor Roberts, B.S. ........................................................................................ Dietician
Betty Rodgers, M.A .......................................................................................... Assistant to Librarian
Leota Ruhs ......................................................................................................... Student Commons

HEALTH SERVICE STAFF

James N. Sledge, M.D ......................................................................................... College Physician
Olive M. Rees, B.A., R.N ................................................................................... Supervisor College Infirmary
Janice Alsid, R.N ................................................................................................ Staff Nurse, College Infirmary
Laura Kilmer, R.N ................................................................................................ Staff Nurse, College Infirmary
Margaret Watson ................................................................................................ 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 School of Religion, Seattle Pacific, 1934-1940.
Whitworth College, 1940— Whitworth College Campus

MERTON D. MUNN, Ed. D.
Dean
B. A., Greenville College; M. A., University of Michigan; Ed. D., University of Cincin­
nati.
Whitworth College, 1941— Whitworth College Campus

MARION R. JENKINS, M. A.
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 Bldg., Campus

THERON B. MAXSON, Ph. D.
Dean of Men, Education, Psychology
B. A., York College; M. A., Ph. D., University of Southern California.
Whitworth College, 1940— Country Homes Estates

ESTELLA E. BALDWIN, M. A.
Registrar
B. A., M. A., Whitworth College; Bible Institute of Los Angeles, California; gradu­
ate work, New York Biblical Seminary and University of Boston.
Whitworth College, 1931— Home Economics Bldg., Campus

HOMER E. ALDER, Ph. D.
Biology
B. Sc., Fremont Normal College; B. A., Nebraska Wesleyan University; M. A. and
Ph. D., University of Nebraska.
Whitworth College, 1946— 501 Nordin

WILBUR L. ANDERS, B. M.
Music
B. M., B. M. Ed., St. Olaf College; special study under DrD. Arturo Bullock, Ells­
worth Conservatory of Music; special study in voice under Frederick Haywood;
Graduate work, Eastman School of Music.
Whitworth College, 1947— 190 E. Graves Road, Country Homes Park

EFFIE I. ANDERSON, B. S., R. N.
Nursing
B. S., University of Washington; R. N., Deaconess Hospital School of Nursing, Spo­
kane, Washington.
Deaconess School of Nursing and
Whitworth College, 1951— Rt. 2, Colbert, Washington

HELMUTH BEKOWIES, B. A.
Director of Admissions
B. A., Whitworth College
Whitworth College, 1948— Country Homes Estates
<table>
<thead>
<tr>
<th><strong>THOMAS W. BIBB, Ph. D.</strong></th>
<th><strong>Economics and Business Administration</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>B. A., William Jewell College; M. A., Ph. D., University of Washington.</td>
<td>Whitworth College, 1946—</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th><strong>MARY BOPPELL, M. S.</strong></th>
<th><strong>Home Economics</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>B. S., M. S., University of Washington.</td>
<td>Whitworth College, 1941—</td>
</tr>
</tbody>
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<thead>
<tr>
<th><strong>JOHN ARVID CARLSON, M. S.</strong></th>
<th><strong>Mathematics, Engineering</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>B. S., M. S., University of Washington; Graduate study in mathematics and physics, University of Washington.</td>
<td>Whitworth College, 1935—</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>A. VINCENT CARR, B. D.</strong></th>
<th><strong>Bible and Philosophy</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>B. A., University of Dubuque, Ohio; B. D., Dubuque Seminary. Work towards Ph. D., University of Chicago.</td>
<td>Whitworth College, 1950—</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ANNA JANE CARREL, M. M., A. A. G. O.</strong></th>
<th><strong>Piano, Organ</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>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 toward Ph. D., Yale University, and Graduate work Eastman School of Music.</td>
<td>Whitworth College, 1937—</td>
</tr>
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<table>
<thead>
<tr>
<th><strong>FLOYD CHAPMAN, B. A.</strong></th>
<th><strong>Speech</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>B. A., Montana State University.</td>
<td>Whitworth College, 1950—</td>
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<tr>
<th><strong>ALYCE CHESKA, B. S.</strong></th>
<th><strong>Physical Education</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>B. S., University of Minnesota; Graduate work, University of Minnesota.</td>
<td>Whitworth College, 1948—</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th><strong>VICTOR CHILDS CHRISTIANSON, Ph. D.</strong></th>
<th><strong>English Language and Literature</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>B. A., M. A., Ph. D., University of Washington.</td>
<td>Whitworth College, 1946—</td>
</tr>
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<thead>
<tr>
<th><strong>ROSALIEE COLEMAN, B. A.</strong></th>
<th><strong>Secretarial Science and English</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>B. A., Whitworth College; Bible Institute of Los Angeles, California; Graduate work, Whitworth College.</td>
<td>Whitworth College, 1950—</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th><strong>R. FENTON DUVALL, M. A.</strong></th>
<th><strong>History</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>B. S. in Ed., Temple University; M. A., University of Pennsylvania; Candidate for Ph. D., University of Pennsylvania.</td>
<td>Whitworth College, 1949—</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>HERTA ENGELMAN, M.A.</strong></th>
<th><strong>English and German</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>B. A. Wheaton College, Graduate of Moody Bible Institute; M. A. Northwestern University and additional work towards Ph. D.</td>
<td>Staff House, Campus</td>
</tr>
</tbody>
</table>
ERNESTINE EVANS, M. A.
Secretarial Science
Whitworth College, 1941—Home Economics Bldg., Campus

ARTHUR M. FRASER, Ed. D.
Music
B. A., University of Manitoba; M. A. and Ed. D., Teachers College Columbia University; Juilliard School of Music.
Whitworth College, 1951—209 W. Columbia Avenue

C. PEGGY GAZETTE, B. S.
Physical Education
B. S., Whitworth College; Graduate work, University of Minnesota.
Whitworth College, 1951—E. 911 Sinto

RHEA J. FRENCH, B. A.
Library Science
B. A., Montana State University.
Whitworth College, 1943—921 W. Frederick

ALFRED ORREN GRAY, M. A.
Journalism
B. A., M. A., University of Wisconsin; Graduate work, University of Wisconsin.
Whitworth College, 1946—W. 324 Columbia

EUGENE A. HENNING, Ph. D.
Spanish, French
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.
Whitworth College, 1951—Country Homes Estates

RUBY ARLETTA HERITAGE, B. S.
Voice
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 toward Masters, Chicago Musical College.
Whitworth College, 1946—1214 South Cook

CHARLES WILLIAM HILDEBRAND
Physical Education
Mississippi State College.

HERMAN KEYS
Art
Otis Art Institute, four years study; Graduate study, California Institute of Fine Arts, two years.
Whitworth College, 1949—2101 First

CHARLES F. KOEHLER, D. D.
Bible
B. A., Bellevue College (Hastings); B. D., Omaha Theological Seminary; D. D., Whitworth College.
Whitworth College, 1946—10201 Whittier, Country Homes Park
JOHN G. KOEHLER, M. A.
Art
B. A., M. A., University of Washington.
Whitworth College, 1945— 305 Nordin, Country Homes Park

RITA LORRAINE
Violin
Student of Karel Havlicek, San Francisco, and Joseph Achron, Los Angeles.
Whitworth College, 1952— N. 824 Cochran

J. RUSSELL LARSON, B. E.
Art
B. A., B. S., University of Washington; B. Ed., Whitworth College.
Whitworth College, 1947— Route 7, Spokane

JAMES McGREGOR, M. S.
Coach—Basketball, Track
B. A., University of Minnesota; M. S., University of Southern California.
Whitworth College, 1950— Country Homes Estates

LEONARD B. MARTIN, M. MUS.
Voice
Westminster Choir College; B. Mus., M. Mus., University of Southern California; Pupil of Arthur Alexander.
Whitworth College, 1949— 943 E. 18th

CLYDE MATTERS, B. S.
Physical Education
B. S., Whitworth College; Graduate work, Whitworth College.
Whitworth College, 1950— Whitworth College Campus

VERA MEEKER, M. A.
Nursing
A. B., Friends University, Wichita, Kansas; M. A., Teachers’ College, Columbia; School of Nursing, Wesley Hospital, Wichita, Kansas.
Whitworth College, 1947— Deaconess Hospital

BENJAMIN CONRAD NEUSTEL, M. S.
Chemistry
B. A., Willamette University; M. S., Washington State College; Graduate work University of Washington; Washington State College.
Whitworth College, 1928— Country Homes Estates

JOHN L. OAKES, B. A.
Business Manager
Whitworth College, 1942— Whitworth College Campus

OLIVE M. REES, B. A., R. N.
Nursing Education
B. A., William Penn College; R. N., The Cook County School of Nursing; Graduate work, Whittier College, New York Hospital, New York City.
Whitworth College, 1948— Ballard Hall, Campus

HENRY ALLEN RODGERS, Ph. D.
Bible
A. B., Hamilton College; B. D., San Francisco Theological Seminary; Ph. D., University of Edinburgh.
Whitworth College, 1951— E. 305 Graves Road, Country Homes Park
GUSTAV HERMAN SCHLAUCH, Ph. D.
Sociology
B. A., Spokane University; M. A., Ph. D., University of Washington; Washington State College.
Whitworth College, 1942— E. 1007 29th

EVELYN A. SMITH, M. R. E.
Bible and Christian Education
Whitworth College, 1948— Staff House, Campus

J. PAUL SNYDER, M. A.
Public Relations and Finance
B. A., College of Puget Sound, M. A., University of Washington.
Whitworth College, 1951— 10024 Whittier, Country Homes Park

ROY W. SNYDER, M. S.
Biology
B. S., Pennsylvania State College; M. S., University of Southern California.
Whitworth College, 1951— Country Homes Estates

SAM TAGUE, Jr., B. S.
Physical Education
B. S., Whitworth College.
Whitworth College, 1951— Whitworth College Campus

ESTELLA N. TIFFANY, B. A.
Education
B. A. in Ed., Eastern Washington College of Education; Graduate work, University of Washington.
Whitworth College, 1949— 723 W. Euclid

LOYD BENSON WALTZ, M. A.
Speech and Drama
B. A., Willamette University; M. A., University of Southern California.
Whitworth College, 1944— 2423 Dalton

MARY ELIZABETH WALTZ, B. A.
Piano
B. A. Willamette University; Graduate work at the University of Oregon; Oregon State College.
Whitworth College 1944— 2423 Dalton

MAE WHITTEN, M. A.
English Language and Literature
B. A., Stanford University, California; M. A., Whitworth College; Graduate work at University of California.
Whitworth, 1945— Whitworth College Campus

ROBERT WILSON, M. A.
Sociology, Education
Whitworth College, 1950— E. 1120 Wellesley

WILLIAM G. WILSON, M. S.
Physics
B. S., M. S., University of Washington; graduate study, University of Chicago, University of California, University of Washington, Eastern Washington College of Education.
Whitworth College, 1946— Route 2, Spokane
HELEN J. WOLFHAGEN, Ph. D.
Chemistry
B. S., Willamette University; Ph. D., University of California.
Whitworth College, 1949—

JAMES LANGDON WOLFHAGEN, Ph. D.
Chemistry
B. A., Linfield College; Graduate work for Ph. D., University of California, Berkeley.
Whitworth College, 1949—

LAWRENCE E. YATES, M. A.
Philosophy and Greek
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—

FACULTY STANDING COMMITTEES
ADMINISTRATION: Warren, Munn, Maxson, Jenkins, Bibb, Schlauch, Oakes, Baldwin, Bekowies.
ACADEMIC BOARD: Baldwin, Jenkins, Munn, Maxson, Schlauch, Major and Minor Advisors.
ATHLETICS: McGregor, Hardesty, Bob Wilson, Matters, Cheska, J. Kochler.
BUILDINGS AND GROUNDS: Oakes, Carlson, Wilson, Cheska.
CALENDAR: Evans, Jenkins, Waltz, McGregor.
CHAPEL: Schlauch, Rodgers, Bibb, Carrel, Anders.
FACULTY AFFAIRS COMMITTEE: Gray, Alder, Bibb.
GRADUATE: Munn, Maxson, Schlauch, Bibb, Baldwin.
LIBRARY: Christianson, French, Gray, Engelman.
NURSING: Rees, Alder, Munn, Snyder, Wolfhagen.
ORGANIZATIONS: Duvall, Smith, Evans.
PERSONNEL AND GUIDANCE: Maxson, Munn, Schlauch, Jenkins, Baldwin, Tiffany.
PUBLICATIONS: Whitworthian: Gray, Christianson, Evans.
Natashi: Gray, Bekowies, Bibb, J. Kochler, Whitten.
RELIGIOUS LIFE: Rodgers, Carr, Smith, Yates, Duvall.
SOCIAL FUNCTIONS: Jenkins, Waltz, Evans, Boppell.
STUDENT COUNCIL: Student Executive: Bibb. Student Council: Mr. Waltz.
STUDENT LOAN: Oakes, Maxson, Jenkins.

RESIDENT COUNSELORS
Miss Mae Whitten.................................................. Westminster Hall
Mrs. Ina Henefer................................................. Westminster Wing
Mrs. Lina Teeter.................................................. McMillan Hall
Mrs. Marion Sutter.............................................. Ballard Hall
Mr. William McNeil............................................. Whitworth Hall
Mr. Carl Christensen.......................................... Nason Hall
Mr. Daniel Cheska................................................ Washington Hall
Mr. Sam Tague, Mr. Malcolm Bolen......................... Lancaster-Goodsell Halls
Dr. James Wolfhagen........................................... Circle “K” House
### SENIOR STUDENT COUNSELORS

<table>
<thead>
<tr>
<th>Location</th>
<th>Counselors</th>
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</thead>
<tbody>
<tr>
<td>Westminster</td>
<td>Betty Lou Schmatjen</td>
</tr>
<tr>
<td>Westminster Wing</td>
<td>Jeanne Walker Larsen</td>
</tr>
<tr>
<td>McMillan</td>
<td>Patty Dole, Ruth Robley</td>
</tr>
<tr>
<td>Ballard</td>
<td>Grace Clark</td>
</tr>
</tbody>
</table>
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, Meeker, and other pioneers, this Christian minister came to the far West to build churches and to become an outstanding leader in the early life of Washington.

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

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 American Association of 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 in the public school. 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 Prayer Chapel, McMillan Hall, Westminster Hall, Whitworth Hall, Washington Hall, Goodsell Hall, Lancaster Hall, Nason Hall, and Ballard Hall.

Administrative Offices are located on the first floor of Ballard 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 for 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, faculty lounge, offices, typing room, study carrels for graduate students complete the facilities.

Housing: Eight dormitory buildings provide housing for the students. Ballard, McMillan and Westminster Halls provide housing for 208 women. Whitworth, Washington, Goodsell, Lancaster and Nason Halls provide housing for 161 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. Thirty-six men are housed in Circle “K” House on the little Spokane river. This was made available by the Kiwanis Club of Spokane for a student cooperative.

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 newly 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 goodly 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 is designed and equipped according to the most modern methods. The basement contains a large foods laboratory and storage room. A modern, all electric kitchen is located on the first floor as well as a room used as reception room. Certain classes which have outgrown this building are conducted in the basement of the Fine Arts Building.

Science: Science Hall houses the departments of biology and chemistry, physics being at the present time housed on the ground floor of Washington Hall. 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, built in 1944, is a solid brick structure and will accommodate 300 students at a sitting. Meals are served family style both
mornings and evenings and cafeteria style at noon. In the ground floor of the Dining Hall has been built an auditorium for the public speaking department.

Heating Plant: This building was completed in 1945 and provides steam heat for most of the buildings on the campus.

The Medical Center is located in the central portion of Grieve Hall. It was remodeled in 1949, and now 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 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 $1,635,000. The operating budget for the academic year is more than $600,000. Tuition and fees account for approximately 66½ 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 adds a considerable amount of money for the running 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.

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 an initial fee of $2.00 for new members of the Placement Service and an additional fee of $2.50 for each year the member wishes his credentials brought up to date and made available for use. This fee only partly covers the cost of postage and handling.

EDUCATIONAL ORGANIZATION

REGULAR COLLEGE YEAR

The regular school year opens in early September and closes not later than June 8. 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. Discharged veterans under the "G. I. Bill of Rights."
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
   Bible and Christian Education
   Dramatic Arts and Speech
   English
   Greek
   Journalism
   Library Science
   Modern Language
   Philosophy

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:

<table>
<thead>
<tr>
<th></th>
<th>Campus Students</th>
<th>Off-Campus Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition (12-16 hours)</td>
<td>$200.00</td>
<td>$200.00</td>
</tr>
<tr>
<td>Student Association Fee (All students taking 9 hours or more)</td>
<td>15.00</td>
<td>15.00</td>
</tr>
<tr>
<td>Infirmary Fee (campus students only)</td>
<td>1.50</td>
<td>1.50</td>
</tr>
<tr>
<td>Post Office Box (All students taking 8 hours or more)</td>
<td>.75</td>
<td>.75</td>
</tr>
</tbody>
</table>
Excess above 16 hours, per hour .................. $10.00
Part-time enrollment, 9-11 hours .................. 16.00
Part-time enrollment, under 9 hours, per hour .................................................... 17.00
Graduate work, (all courses numbered 100 and over) per hour .................. 19.00
Board and Room per semester (subject to change) ........................................................ 250.00

$467.25

$215.75

All students living on the campus at Whitworth have the privilege of working at least one hour per day to help meet the cost of board and room. Many students work more than this. (Students spending vacation periods on the campus must pay for board and room in addition to the charge listed above.) All work earnings are credited to the student's account and applies only on board and room.

PRIVATE LESSONS IN ART, MUSIC, AND SPEECH

One lesson per week ........................................ $45.00
Two lessons per week ........................................ 80.00

The cost of all private music and speech lessons scheduled and not taken by the veteran must be assumed by the veteran at the rate of $2.50 per lesson and unused practice time must be paid on a percentage basis by the veteran.

PRACTICE ROOMS

One hour per day per semester (Piano, Voice, Instruments) ........................................ 5.00
Two hours per day per semester (Piano, Voice, Instruments) ........................................ 8.50
Organ, one hour a day per semester .......................................................... 8.00

MISCELLANEOUS CHARGES

Auditor's fee, per hour ........................................ 2.25
Change of registration after second week ........................................ 2.00
Examination fee (for examinations taken out of schedule) ........................................ 1.00
Fee for additional transcripts (first transcript free) ........................................ 1.00
Graduation fee (Bachelor Degree) .......................................................... 12.50
Graduation fee (Masters Degree) .......................................................... 15.00
Guidance Clinic fees for testing—(Non-veterans) ........................................ 2.00
(Unmatriculated persons) .......................................................... 5.00
Late Registration (after first week) ........................................ 2.00
Matriculation fee (New students only) ........................................ 5.00
Text-book fee (where text-book is not specified in class) ........................................ 1.00
Rental of Musical Instruments .......................................................... 7.50
Chemistry breakage fee ...................................... (actual breakage)
Validating Examinations will cost the student seventy-five cents per credit hour validated. However, no examination will be administered for less than one dollar regardless of the number of hours for which credit is asked.

For individual students the cost of books, stationery, laundry, private music lessons and incidental expenses will vary according to the program and inclinations of the student. In no circumstances need the personal expense be more than 10% in excess of the fixed charges.

CADET TEACHING

Cadet Teaching Fee, 6 semester hours ........................................ $25.00
12 semester hours .......................................................... 50.00

This fee is paid to the master teacher and the school administration of the school in which the student does his practice teaching.

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

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

In case of students requiring a deferred payment plan, one-fourth of the expenses should be paid in cash at the time of registering, one-fourth at the beginning of the second month of the semester, one-fourth at the beginning of the third month of the semester and one-fourth at the beginning of the fourth month of the semester.

The administration of Whitworth College desires to provide such help for deserving students by work opportunities and deferred payments on small portions of accounts as will make it possible for the student to secure the best advantage of a college education.

Should such circumstances arise as to make the terms of the agreement impossible for the student, the student must report immediately to the Business Manager to apply for an extension of the terms.

Before the end of each semester a student with an unpaid balance must report in person to the Business Manager's office to arrange for payment before permission will be granted to write final examinations.

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

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

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 90% of the unexpired charge for board will be refunded. There will be no refund for room rent. Refund for board will not be made for an absence of less than one week.

3. There will be no refund for fees.
   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. Money earned in this way is credited to the student’s account. Opportunities for work in town occur chiefly in domestic and office assistance, personal service of various kinds, canvassing, manual labor, etc. Students who find it necessary to work during the regular college year will be expected to reduce their academic load.

Application for work may be obtained at the Student Employment Office.

VETERANS’ TRAINING

Whitworth College has a contract with the Veterans’ Administration providing for the training of veterans under Public Law 346 (“The GI Bill of Rights”) and Public Law 16 (Rehabilitation). In general, Public Law 346 provides that the quali-
fied veteran may attend college for a period of one year plus the length of his service, 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.

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 $150 are given to graduates of high schools of the northwest who are in the upper 10% of their classes. These scholarships are continuous from year to year if the student maintains a scholastic average at Whitworth of 3.25. The maximum amount given for any one student is $600.

A few scholarships of $150 are available to entering students from junior colleges who are in the upper quartile of their class. The scholarship may be held for the senior year if the student maintains a 3.25 average while at Whitworth and carries a full load of work.

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. Walter A. Stevenson Scholarship of $200.00.
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.

LOAN FUNDS

<table>
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<tr>
<th>Fund Name</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hedley A. Vicker Fund</td>
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</tr>
<tr>
<td>Scholarship Fund</td>
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</tr>
<tr>
<td>Stevens-Swanby Scholarship Fund</td>
<td>399.39</td>
</tr>
<tr>
<td>Sarah A. Stewart Fund</td>
<td>230.00</td>
</tr>
<tr>
<td>George N. Beard Fund</td>
<td>70.00</td>
</tr>
<tr>
<td>Dr. L. N. Williams Loan Fund</td>
<td>2000.00</td>
</tr>
<tr>
<td>Elizabeth Hewitt Loan Fund</td>
<td>500.00</td>
</tr>
</tbody>
</table>
REQUIREMENTS FOR ADMISSION

Dr. F. T. Hardwick Loan Fund .................................................. 300.00
The Shadle Loan Fund ........................................................................ 15000.00
David and Emma Thorndike Memorial Loan Fund ....................... 2000.00

GRANTS-IN-AID

1. For Members of Ministers' Families.
A grant-in-aid on tuition of $25.00 per semester is available for 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. For Wives or Husbands of Faculty Members.
The husband or wife of a faculty member will be allowed one-half of the total tuition fee.

4. 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

a. Submit an official application blank for admission. (This may be obtained from the Registrar or the Dean of Admissions).

b. Submit an original transcript of high school record together with a statement of graduation and class rank.

c. Have completed at least 16 acceptable units (or 15 units exclusive of activity credit in physical education, debate, etc.) with grades acceptable for college entrance.

d. Have included in the required units, 3 units of English, and 6 additional units in academic fields (English, mathematics, foreign language, social science, natural science). The other seven units may consist of further academic study in the above fields or may be selected from subjects ordinarily known as non-academic or vocational (agriculture, art, music, shop, home economics, commercial, etc.). Less than a unit will not be considered in a foreign language.

e. Students entering with a grade point average of less than 2, but who have satisfied the subject requirement may be admitted on probation. If at the end of the first semester, the work of any entering student is not satisfactory he shall be subject to the action of the Academic Board.

f. Students who are unable to meet the specific requirements of the college may petition the Academic Board for permission to enter with provisional standing. Provisional standing continues until the student has satisfied the entrance requirements. Such deficiencies may be made up with college credit if college courses covering the high school material are available, 6 semester credits being considered the equivalent of one high school unit. Such credits used to clear a high school deficiency cannot be used towards graduation.

g. Students graduating from un-accredited high schools may enter Whitworth College with the recommendation of their high school principal and by petitioning the Academic Board. Before granting such permission the Academic Board may require the applicant to pass certain examinations.

h. Students who have not been graduated from high school must pass college entrance board examinations and meet entrance requirements without deficiency.
ADVANCED UNDERGRADUATE STUDENTS

a. Submit an official application for admission.
b. Submit an official transcript of all college and university work completed or begun, together with a statement of honorable dismissal from the institution last attended.
c. Evaluation of transferred credits:
   1. 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.
   2. 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.
   3. 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

a. Fill out a regular application form.
b. Present to the Registrar a complete transcript of all college or university work together with an honorable dismissal from the last institution attended. These records will not be returned to the student.
c. File a personal application with the Committee on Graduate Work for permission to begin work towards a Master's degree. This letter of application should be complete, giving the student's plan, desired major and minor, and length of time which he plans to take to complete such a course.
d. See requirements 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 two days immediately preceding the beginning of class instruction for any regular 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, and a voice in the regulation and promotion of the student association activities. A copy of the "Natsihi" 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.

STUDENT UNION BUILDING

This project has been undertaken by the associated students and already plans have been drawn up in anticipation for constructing this building which will meet vital needs for adequate 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. 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 Modern Language Clubs supplement the work done in the classroom in a more informal way and stimulate interest in the language, culture, and life of the French, German, and Spanish-speaking peoples. Students enrolled in the language department should be active members; others interested may become members.

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 advisorty 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 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 high scholarship 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.
ORGANIZED ACTIVITIES

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 weekday 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 vespers 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 former is held in October and the latter in April. 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 jointly sponsored by the administration and the Christian Activities Council. 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 Sunday night 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 6,000 is a bi-monthly publication of the Administration. It presents items of interest to the many friends of Whitworth College. The annual catalog is presented as the March issue 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.

Radio Station KWC is sponsored jointly by the College and the Associated Students. Opportunity for technical operation, program writing and presentation, and business management is open to all students interested. The music, journalism, speech and physics departments, in particular, are active in its affairs. It sponsors and distributes recordings of the famous Whitworth A Cappella Choir directed by Wilbur L. Anders.

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 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

Students not living in their own homes are required to live in the college dormitories unless they obtain the permission of the committee on personnel. Application for such permission must be made on forms secured from the Dean of Men or the Dean of Women. No arrangements to live off the campus can be made until the application for such has had the approval of the personnel committee. Off-campus students may live only in approved residences which must be properly supervised by mature women, 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, 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 dormitory director. The use of irons or hot plates is not permitted in dormitory rooms. Provision is made for the use of these appliances in special rooms. 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 dormitory director. 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 Monday evening lunch, September 8, and closed after luncheon on June 9, 1953. 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 Dean of the College and 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 and one-half 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 $1.00 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, and every alternate year thereafter. Micro-film chest x-rays are made possible by the cooperation of the Spokane County Health Department while on the campus.
Accident insurance 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.

PERSONAL PROPERTY REGULATIONS
College property damaged by students must be replaced at the student's expense. Occupants of rooms are held responsible for breakage.

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.

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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, 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, 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.

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 through the Academic Board.

If the total number of a student's absences exceeds three times the number of class exercises per week, registration in that course is 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.

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.

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 the following Tuesday afternoon 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.

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. Year Honors: Granted to students making first, and second semester honors and entitling such students to honorable mention at commencement exercises.
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 cannot 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 to each student a definite plan of guidance.

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 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 warrants.

The Counseling 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.

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 2.0 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 fourteen 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, September 9 and 10, of the fall semester. 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 Thursday, September 11, at which time formal registration of all students is completed.

A fee of $2.00 is charged for late registration, after September 19.

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 Arts.

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 elect at last 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.
DEGREES AND REQUIREMENTS

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 during the junior or senior year provided that four hours of Bible has 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.

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 more than six semester hours of work to complete. Students who are deficient as much as six semester hours, and who arrange to take the work during the first term of summer school may with the permission of the Academic Board appear in the graduation activities and receive their baccalaureate degree at the end of the summer school session. Students who are deficient more than six semester hours will automatically take their degree with the next spring class.
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 graduate program is designed to provide for the attainment of a unified understanding of educational problems and procedures through a carefully selected group of courses centering around five main fields: Educational Psychology, History and Philosophy of Education, Scientific Method and Measurement, Guidance and Counseling, and School Administration and Supervision.

The general requirements for the degree follow:

1. A letter of application together with an official transcript of record must be forwarded to the Dean of the Graduate School.
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 average of three or better in each course.
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 can not be given, the period of preparation must be extended accordingly. All work, including the thesis, must be completed within a five-year period.
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 do a problem in an original research and present it as a thesis for which he is given six semester hours credit. 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 the course 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 and appear before the Graduate Committee, which may be enlarged by additional members, for a comprehensive oral 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.
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 13 hours of electives in Art. A total of 44 hours.

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

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, 24, 25, 45, 50.

All courses listed except 24, 36, 44, 45, 50, 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.

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

A suggested outline for Art Majors includes the following:

FRESHMAN YEAR

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<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
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16  

16
### SOPHOMORE YEAR

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### SENIOR YEAR

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<tr>
<td>Two hours each semester 1-2. BEGINNING DRAWING Introduction to drawing, use of perspective, function of light in the expression of form, and the development of rendering techniques.</td>
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<tr>
<td>Two hours each semester 7-8. BEGINNING DESIGN A study of the underlying principles of all Art, their function and their application.</td>
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<tr>
<td>Two hours each semester 21-22. INTRODUCTION TO PAINTING A study of the painting craft with emphasis on the use of color and composition.</td>
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<tr>
<td>Two hours second semester 24. WORLD HISTORY OF ART Survey of all the arts from ancient times to the 20th century and their influence on modern art expressions. (Given 1951-52 and alternate years.)</td>
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<tr>
<td>Two hours each semester 25. LETTERING Principles of design applied to good letter form and alphabet types. Emphasis on lettering techniques.</td>
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<tr>
<td>Two hours each semester 26. POSTER DESIGN Development of lettering techniques and layout design for display advertising.</td>
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<tr>
<td>Two hours first semester 34. FIGURE SKETCHING Development in the skill of rapid drawing of the figure from the model in many short poses suitable to fashion drawing and illustration. (Given 1952-53 and alternate years.)</td>
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Note: A minor must be selected from the elective hours.
35. FIGURE DRAWING  
Two hours second semester  
A careful study of the human figure from the model. Some study of anatomy.  
(Given 1951-52 and alternate years.)

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. (Given 1952-53 and alternate years.)

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. (Given 1952-53 and alternate years.)

46. INTRODUCTION TO CERAMICS  
Two hours  
An introduction to ceramic art and methods of producing various types of pottery, firing, and glazing. (Given 1952-53 and alternate years.)

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.

61. COMMERCIAL ILLUSTRATION  
Two hours  
Techniques in preparing illustrations in mediums suitable for reproduction commercially. (Given 1951-52 and alternate years.)

62. ILLUSTRATION  
Two hours  
Illustrations done in lithography, etching, block printing, etc. A course in print-making of various types. (Given 1951-52 and alternate years.)

63. FASHION ILLUSTRATION  
Two hours  
Processes of producing fashion drawings for commercial reproduction. (Given 1952-53 and alternate years.)

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. (Given 1951-52 and alternate years.)

85-56. 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. (Given 1951-52 and alternate years.)

95. ART PHOTOGRAPHY  
Two hours second semester  
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  Dr. Fraser  
Mrs. Waltz  Mr. Martin  Mrs. Lorraine

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 and 29 semester hours in theory, public performance, and ensemble music including the following courses: Music 7, 8, 35, 36, 61, 71, 72, and 4 elective hours in ensemble. Special requirements include the following courses: Physics or Acoustics, Foreign Language, and also Phonetic Laboratory for voice majors.

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.

MUSIC EDUCATION

To be recommended for a B.A. Degree in Music Education a student must secure a minimum of 34 hours in Theory and Music Education including the following courses: Music 7, 8, 35, 36, 57, 58, 59, 60, 61, 62, and 23 hours in applied and ensemble music; 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 a student must secure a minimum of 32 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 Choral Conducting a student must secure a minimum of 32 semester hours including the following courses: 8 hours of applied music (voice and piano), Music 7, 8, 35, 4c, 4d, 4e, 56, 58, 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 36 semester hours including the following courses: 6 hours of applied music (piano or major instrument), Music 7, 8, 35, 4c, 4d, 4e, 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—26 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 4b, 4c, 4d, and 4e.
B. Related field, where the major emphasis is in another fine and applied art—16 hours: Music 7, 8, 59, 2 hours applied piano, 2 hours applied voice, and 3 hours of ensemble music.

**Option II.**

A. Major Area—30 hours: Music 7, 8, 35, 57, 59, 60, 4b, 4c, 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, 2 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 1 hour of ensemble music.

**SACRED MUSIC**

To be recommended for a B.A. Degree in Sacred Music a student must secure a minimum of 33 hours in Theory and Music Education including the following courses: Music 7, 8, 35, 56, 57, 58, 61, 62, 75, 76, 77, 78, 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 28 semester hours including the following courses: Music 7, 8, 35, 57, 75, 76, 77, 78, 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

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<thead>
<tr>
<th>First Semester</th>
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### SOPHOMORE YEAR

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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

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### JUNIOR YEAR

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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.”

### SENIOR YEAR

<table>
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### SACRED MUSIC MAJOR

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

### FRESHMAN YEAR

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<tr>
<th>Course</th>
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<td>Musical Acoustics</td>
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### SOPHOMORE YEAR

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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**

1. **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.

4. **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.

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 rhythm 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.

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.
56. INSTRUMENTATION AND ELEMENTARY SCORING  
Three hours second 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 1952-53 and alternate years.) Prerequisite: Music 35.

59. ELEMENTARY SCHOOL MUSIC (Procedures and Materials)  
Three 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. (Prerequisite: Music 7, 8.)

60. SECONDARY SCHOOL MUSIC (Procedures and Materials)  
Three 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 repertoire. (Prerequisite: 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.

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 each 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, 80. FIELD LABORATORY IN CHORAL MUSIC  
One hours each semester  
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.
APPLIED AND ENSEMBLE MUSIC

11, 12. COLLEGE CHORUS
One hour each semester
Open to all students of Whitworth College upon recommendation of the head of the choral division.

16-17. A CAPPELLA CHOIR
One hour each semester
Membership secured by audition. Voice majors and minors, music education and sacred music majors and minors, are required to elect one of the above two groups for their choral activity.

21. BAND
No credit
Open to all students of Whitworth College. The Band plays for athletic games and makes occasional appearances as a concert organization.

25, 26. ORCHESTRA
One hour each semester
Open to all students of Whitworth College upon recommendation of the conductor of the orchestra. Required of majors in string, woodwind, brass, and percussion instruments.
Music Education majors are required to elect Orchestra or Chamber Music for their instrumental activity.

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.

4b, 4c 4d, 4e. 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. 4b—Voice, 4c—Strings, 4d—Woodwinds, 4e—Brass and Percussion. These courses are primarily designed for the student who plans to teach music in the public schools.

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)

63a-64a. (Junior Year)

93a-94a. (Senior Year)

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 control of these fundamentals, Vaccai, or Sieber, or Marchesi are added to continue the singing control. Also, songs may be given.

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)

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.
Physical Education and Athletics

Mr. McGregor  Mr. Matters  Mrs. Cheska  
Mr. Tague  Miss Gazette

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, extramural and inter-collegiate competition is offered.

The general program for men includes experience, both inter-collegiate and intra-mural, in football, basketball, baseball, volleyball, tennis, golf, badminton, tumbling, apparatus, trampoline, track, aquatics and skiing. Women engage in basketball, softball, tennis, archery, volleyball, soccer, golf, folk games, swimming, rhythmic activities, skiing, tumbling, apparatus and trampoline. Women also have intra-mural and inter-collegiate 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

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| 16 |
### WHITWORTH COLLEGE

#### SOPHOMORE YEAR

<table>
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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, 13, 34, 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

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>English composition</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>3</td>
<td>Fundamentals of Speech</td>
<td>2</td>
</tr>
<tr>
<td>History &amp; Princ. of P. E.</td>
<td>3</td>
<td>Bible</td>
<td>2</td>
</tr>
<tr>
<td>Personal Hygiene</td>
<td>1</td>
<td>P. E. Activities</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
<td>Electives</td>
<td>7</td>
</tr>
<tr>
<td>P. E. Activity</td>
<td>1</td>
<td></td>
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</table>

**Total Hours:** 16

## Sophomore Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Anatomy</td>
<td>3</td>
<td>Physiology</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
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<td>Developmental Psychology</td>
<td>4</td>
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<tr>
<td>Bible</td>
<td>3</td>
<td>First Aid</td>
<td>2</td>
</tr>
<tr>
<td>P. E. Activity</td>
<td>2</td>
<td>P. E. Activities</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
<td>Electives</td>
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</tbody>
</table>

**Total Hours:** 16

## Junior Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kinesiology</td>
<td>3</td>
<td>Organization and Admin. of PE</td>
<td>3</td>
</tr>
<tr>
<td>Special Tech. &amp; Materials</td>
<td>3</td>
<td>Recreational Leadership</td>
<td>3</td>
</tr>
<tr>
<td>Methods of Officiating</td>
<td>1</td>
<td>School Health Program</td>
<td>2</td>
</tr>
<tr>
<td>Bible</td>
<td>2</td>
<td>Electives</td>
<td>8</td>
</tr>
<tr>
<td>P. E. Activity</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
<td></td>
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</tbody>
</table>

**Total Hours:** 16

## Senior Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tests and Measurements</td>
<td>3</td>
<td>Correctives</td>
<td>3</td>
</tr>
<tr>
<td>Coaching</td>
<td>2</td>
<td>Coaching</td>
<td>2</td>
</tr>
<tr>
<td>Theory of Coun. and Guidance</td>
<td>3</td>
<td>Problem solving</td>
<td>2</td>
</tr>
<tr>
<td>Bible</td>
<td>2</td>
<td>Electives</td>
<td>9</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
<td></td>
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</tr>
</tbody>
</table>

**Total Hours:** 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 and church 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.

Special requirements for Recreational Leadership: Biology 20, 21; Psychology 60; Sociology 12, 35. 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.

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td><strong>Second Semester</strong></td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Recreation</td>
<td>2</td>
</tr>
<tr>
<td>Personal Hygiene</td>
<td>1</td>
</tr>
<tr>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>P. E. Activities</td>
<td>2</td>
</tr>
<tr>
<td>Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
</tr>
<tr>
<td><strong>Hours</strong></td>
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</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td><strong>Second Semester</strong></td>
</tr>
<tr>
<td>Community Rec. Program</td>
<td>2</td>
</tr>
<tr>
<td>Introduction to Crafts</td>
<td>2</td>
</tr>
<tr>
<td>P. E. Activities</td>
<td>10</td>
</tr>
<tr>
<td><strong>Hours</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td><strong>Second Semester</strong></td>
</tr>
<tr>
<td>Rhythms for Recreation</td>
<td>1</td>
</tr>
<tr>
<td>Fundamentals of Music</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to Journalism</td>
<td>1</td>
</tr>
<tr>
<td>Bible</td>
<td>2</td>
</tr>
<tr>
<td>P. E. Activities</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>7</td>
</tr>
<tr>
<td><strong>Hours</strong></td>
<td>16</td>
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</table>

<table>
<thead>
<tr>
<th>SENIOR YEAR</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td><strong>Second Semester</strong></td>
</tr>
<tr>
<td>Admin. of Play and Rec.</td>
<td>3</td>
</tr>
<tr>
<td>Rural Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Bible</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>8</td>
</tr>
<tr>
<td><strong>Hours</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

| **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  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 and Golf.

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)  
Two hours laboratory a week.  
Fundamental skills used in everyday living, including posture, movement and relaxation techniques.

17. FOLK GAMES (CO-EDUCATIONAL)  
Two hours laboratory a week.  
A—Beginning  
B—Intermediate  
C—Advanced  
The application of rhythmic techniques that are fundamental to folk games.

18. CREATIVE RHYTHMS (WOMEN)  
Two hours laboratory a week.  
A—Beginning  
B—Intermediate  
C—Advanced  
Experience in and study of rhythm as basic to movement.

19. AQUATICS (MEN AND WOMEN)  
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.

20. SKIING (CO-EDUCATIONAL)  
Two hours laboratory a week.  
A—Beginning  
B—Intermediate  
C—Advanced  

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

28a-28b. RHYTHMIC FUNDAMENTALS  
One lecture and two laboratory periods.  
Analysis of fundamentals, methods of presentation and importance in development.

29. FIRST AID  
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
Three laboratory periods.
Group marching, calisthenics, low organization games and minor sports. This course must be followed by Number 31, if credit is desired.

31. TUMBLING AND APPARATUS (MEN) One hour second semester
Three laboratory periods.
Continuation of Physical Education 30. Intensive course in tumbling, apparatus, heavy apparatus and pyramids.

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. METHOD OF OFFICIATING Two hours first semester
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) One hour 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 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 lecture and one laboratory period.
One hour
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 two laboratory periods.
Fundamentals of rhythm for recreation leaders.

38. HANDICRAFT
One hour 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 lectures.
   Methods and practical experience in selection, evaluation and adaptation of
   recreational activities for church, school and community.

56, 57. HUNTING AND FISHING
   Two hours each semester
   Two lectures and one arranged laboratory period.
   Principles and practices of hunting, fall semester; and fishing, spring semester.

67. CAMP LEADERSHIP
   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.
RELIGION

(Including I. Bible Literature, II. Christian Education and III. Related courses in Religion)

Dr. Rodgers  Miss Jenkins  Miss Smith
Dr. Koehler  Mr. Carr

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 of Bible Literature are required for graduation, of which at least three hours must be New Testament. Freshmen and first year transfer students are required to take Bible 1 or 2 during their first year. Students who have already had this basic material may substitute a higher course in Bible if they pass a qualifying examination at time of registration. Sophomores and second year transfer students are required to take Bible 33 or 41 or 42 or 43. It is expected that the remaining three hours be completed in the third year of residence.

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 in Group I are: 21, 33, 41 or 42, 43, 53 or 55 or 56, 60, 85 or 86, and 87; Group II, 45, and Group III, 54, and 77 or 88. In addition, Foreign Language, Philosophy 31, and History, either 1 and 2, or 43 and 44 and 72 are required. A total of nine 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: 21, 33, 41 or 42, 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 30 semester hours, of which 15 must be in group II. Required courses are: Group II, 15, 24, 67, 71, and 80; Group I, 21, 33, 41 or 42, and 87; and Group III, 77 or 88. Also required are: Foreign Language, Philosophy 31, 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 56 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.

GROUP I BIBLE LITERATURE

1. SURVEY OF BIBLE LITERATURE
Two hours either semester
An introductory course for those who have had little or no previous Bible study, covering the nature, message, and central Person of the Bible, with suggestions for its use.
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.

21. INTRODUCTION TO THE BIBLE Two hours either semester
A panoramic view of the entire Scriptures, furnishing a background for more
detailed study. For students who have had some previous Bible study. Credit will
not be given for both Bible 1 and Bible 21. Students who have had Bible 1 and
decide afterward to major in Bible or Christian Education may get the necessary
credit by additional work.

33. OLD TESTAMENT HISTORY Three hours second semester
A study of God's chosen people from the Garden of Eden to their return from
Babylonian captivity. 1 or 21 recommended.

41. SYNOPTIC GOSPELS Three hours first semester
The Greatest Life ever lived, as recorded in the gospels according to Matthew,

42. GOSPEL AND EPISTLES OF JOHN Three hours second semester
A study of Johannine literature which presents the evidence for the basis of
Christianity.

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.

53. NEW TESTAMENT LETTERS 1953-54 Three hours first semester
Includes Hebrews, the bridge between the Testaments, and several of the shorter
epistles. Prerequisite: 33.

55. THE CORINTHIAN EPISLES 1952-53 Two hours first semester
An expositional study of Paul's letters to Corinth concerning questions of con­
duct relative to the life, ministry and message of the Church.

56. GALATIANS AND ROMANS Two hours second semester
An expositional study of these epistles whose message is basic to the Christian
faith.

58. HEBREW POETRY 1952-53 Three hours first semester
A critical and devotional study of the majestic poetical books of the Old Testa­
ment, including Job, Psalms, Proverbs, Ecclesiastes and Song of Solomon

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.

85. MAJOR PROPHETS 1953-54 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.

86. MINOR PROPHETS 1952-53 Three hours first semester
A study of the ministry and messages of these prophets in their historical setting,
with application to Christian living today. Prerequisite: 33.

87. FUNDAMENTALS OF THE CHRISTIAN FAITH Three hours second semester
A systematic study of what the Bible teaches about God, man, sin, salvation, etc.

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.

45. USE OF THE BIBLE IN CHRISTIAN EDUCATION 1953-54 Three hours second semester
   A practical course in teaching methods applied to each age level, and designed
   for use in the local Church School.

63. CHRISTIAN EDUCATION OF ADULTS 1952-53 Two hours second semester
   The need, the problems, the program, and the methods of adult education in the
   local church are considered.

64. USING AUDIO-VISUAL AIDS Two hours on demand
   The theory and practice of using effectively modern audio-visual aids for
   teaching in church and public schools and for adult education will be considered.

65. OPERATING AUDIO-VISUAL AIDS Two hours on demand
   The selection and preparation, operation and maintenance of audio-visual aids in
   teaching will be considered. One lecture and one two-hour laboratory period
   per week.

67. CHRISTIAN EDUCATION OF CHILDREN AND YOUTH Three 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.

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.

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 1953-54 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.

GROUP III, RELATED COURSES IN RELIGION

46. RELIGIONS IN AMERICA 1952-53 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.

54. GEOGRAPHY AND ARCHAEOLOGY OF THE BIBLE 1953-54 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.

59. HISTORY AND ORGANIZATION OF THE PRESBYTERIAN CHURCH 1952-53 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.

72. COMPARATIVE RELIGIONS 1953-54 Two hours second semester
   A study of religious faiths of the world in relation to Christianity.
77. PSYCHOLOGY OF RELIGION 1952-53 Two hours first semester
A systematic investigation of religion and the application of psychological phenomena to Christian experiences. Includes root and nature of religion, conversion, prayer, etc.

84. HISTORY OF THE CHRISTIAN CHURCH 1953-54 Three hours first semester
A survey of church history from the time of Christ to the modern day.

88. PHILOSOPHY OF RELIGION 1953-54 Two hours first semester
A general survey of the field with emphasis on the Christian interpretation of life and the universe. Prerequisite: Philosophy 31.

SPEECH AND DRAMA

Mr. Waltz
Mr. Chapman

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. PUBLIC SPEAKING 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, 4. LITERARY INTERPRETATION Two 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.

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.

9. PUBLIC SPEAKING (For P. E. majors only) Two hours first semester
This course is planned especially for Physical Education majors who are planning to prepare the student for the various speaking situations which the Physical Education instructor will meet. (Given 1953-54 and alternate years.)
10, 11. STAGECRAFT AND LIGHTING
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
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
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
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
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.

33. ADVANCED PUBLIC SPEAKING
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
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
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
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
Journalism 43 may be taken for speech credit instead of journalism credit if desired. (See Journalism 43.)
53, 54. ADVANCED LITERARY INTERPRETATION  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 1953-54 and alternate years.)

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.

60. EXPERIMENTAL SPEECH TEACHING TECHNIQUES  Two hours first semester
A course for students who plan to teach speech in public school or as a private teacher. A study of available materials and their use, methods of procedure, dealing with individual problems, and experimental projects will be included in the work.

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.

ENGLISH LANGUAGE AND LITERATURE

Dr. Christianson  Miss Whitten  Miss Engelman  Miss Coleman

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 and a minor of at least 16 semester hours. English 1 and 2 do not count on either a major or a minor. Required courses for a major are: 31, 32, 41 and 42, or 21 and 22, 54, and 96. Required for a minor are: 31, 32, and 54.

Those who select the field of English in fulfillment of the requirement for the General Teaching Certificate in the State of Washington will be required to take the following: 31, 32, 41 and 42 or 21 and 22, 54 and 94.

Entrance examinations in grammar and reading will be given by the English Department for all entering students, except transfer students who have passed composition courses and a reading test in an accredited college or university.
English majors must take twelve of their twenty-four hours in upper-division work.

There is no foreign language requirement in the department, but work in speech, English and American history, languages, philosophy, music and art will be particularly beneficial to all students interested in English.

A. ENGLISH GRAMMAR
   One-half hour, first half of first semester
   Emphasis upon fundamentals of grammar. Required of all freshmen except those excused upon the basis of the English Entrance Test.

B. READING
   One hour second semester
   Help given with the aim of improving reading ability. Required of all freshmen except those excused upon the basis of the reading test.

C. SPELLING
   One-half hour, second half of first semester
   Fundamentals of spelling covers a study and practice of spelling methods and an analysis of meanings, origins, and pronunciations of words. Required of all freshmen except those excused upon the basis of the English Entrance Test.

1, 2. ENGLISH COMPOSITION
   Three hours each semester
   A review of the mechanics of English with more advanced work in sentence structure, diction, description, logic in expression, the technique of research, and word study. Collateral readings. English 1 and 2 are required of all students; these courses may not be dropped nor may other courses be substituted for them. They should be completed in the freshman year. English 1 is a prerequisite to course 2. Each course will be offered both first and second semesters.

4. ENGLISH COMPOSITION FOR NURSES
   Two hours first semester
   A special course for nurses which will cover the ground more rapidly than English 1.

5. ENGLISH FOR FOREIGN STUDENTS
   Four hours first semester
   The purpose of this course is to help foreign students become better acquainted with the English language, its vocabulary, idioms, and structure. For foreign students English 5 will take the place of English 1, A, and C. Given upon demand.

6. ENGLISH FOR FOREIGN STUDENTS
   Four hours second semester
   This course is a continuation of English 5 and will take the place of English 2 and B for foreign students. Given upon demand.

21, 22. WORLD LITERATURE
   Two 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 1953-54 and alternate years.)

31, 32. SURVEY OF ENGLISH LITERATURE
   Three hours each semester
   Although it gives the student a comprehensive view of the whole field of English literature and acquaints him with literary types and movements, this course emphasizes the great writers. Required of English majors. Must be completed before the junior year, except in case of transfer students.

36. BUSINESS ENGLISH
   Three hours second semester
   Business letters in their various forms. A course to give training in business methods as applied to office correspondence. Given as Economics 36, but is offered also for credit in English. Prerequisite: English 1.
41, 42. SURVEY OF AMERICAN LITERATURE  Three hours each semester
A study of the growth of the literature of the United States from colonial origins to the end of the nineteenth century, with emphasis upon literary trends and major writers. Must be completed before the Junior year, except in case of transfer students. Required of English majors, or English 21, 22 may be substituted for it. (Offered 1952-53 and alternate years.)

45. CREATIVE WRITING  Two hours first semester
A course devoted to the study and use of the techniques of various types of creative writing, such as essays, poetry, and the short story. A student may work exclusively in any field of his choice. (Offered 1953-54 and alternate years.)

50. CHAUCER  Three hours second semester
A study of Chaucer's life and works, with the reading of large parts of his work in prose translation.

54. SHAKESPEARE
The life and selected important plays of Shakespeare are studied, with emphasis on the poet's development as a dramatist. Required of English majors. (1953-54 and alternate years.)

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 the English and Speech departments. May be substituted for English 21, 22, respectively. (Offered 1951-52 and alternate years.)

58. MODERN AMERICAN POETRY  Three hours first semester
Study of the leading American novelists from 1930 to the present, with extensive reading of their works. (Offered 1953-54 and alternate years.)

70. MODERN AMERICAN FICTION
Study of the leading American novelists from 1930 to the present, with extensive reading of their works. (Offered 1953-54 and alternate years.)

71. MODERN BRITISH POETRY
A study of English and American biographies of the past two hundred years. The history and theory of life-writing will be studied, and students will read selections from famous biographers. (Offered 1952-53 and alternate years.)

74. GREAT CHRISTIAN LITERATURE  3 hours
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 will be studied and certain selections will be read.

80. THE ENGLISH NOVEL  Three hours second semester
The development of the English novel from Richardson to Thomas Hardy will be covered, with reading of selected novels. (Offered 1952-53 and alternate years.)

81. WRITING FOR PUBLICATION  Three hours first semester
For description see Journalism 81. (Offered 1952-53 and alternate years.)
82. THE AMERICAN NOVEL  Three hours second semester
The growth of the American novel from Charles Brockden Brown to Ernest Hemingway will be covered, with extensive reading in the field of American fiction. (Offered 1953-54 and alternate years.)

83. CRITICAL WRITING  Two hours
For description see Journalism 83. Given on demand.

84. 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. May be substituted for English 22. (Offered 1952-53 and alternate years.)

86. DEVELOPMENT OF MODERN ENGLISH  Two hours second semester
The story of the growth of our language from the sixth century to the present. 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, will make the student aware that our language is a living, ever-changing force in the civilization of English-speaking peoples. (Offered 1952-53 and alternate years.)

87. SEVENTEENTH CENTURY ENGLISH LITERATURE  Three hours second semester
(Includes Milton.)

90. ADVANCED ENGLISH GRAMMAR  Two hours second semester
A comprehensive and thorough study of English grammar in order to give prospective teachers a substantial background in this subject and the best methods of presenting grammatical information. (Offered 1953-54 and alternate years.)

94. SPECIAL METHODS OF TEACHING ENGLISH IN HIGH SCHOOL  Two hours first semester
The most satisfactory methods of teaching grammar, rhetoric and literature will be presented. Required of English majors who are prospective teachers.

96. ENGLISH SEMINAR  Two hours first semester
A course in directed readings whose purpose will be to eliminate deficiencies in the English major’s background. Weekly meetings. Required of English majors during their 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 18 hours.

31, 32. NEW TESTAMENT GREEK  Four hours each semester
Grammar. Emphasis is on forms. Vocabulary.

53. MARK  Three hours first semester

57. GALATIANS  Three hours second semester

90, 91. SELECTED READINGS  Two hours 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 four major sequences of study: (1) General newspaper sequence, (2) Newspaper-advertising sequence, (3) Newspaper-magazine sequence, (4) 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 30 semester hour credits in that subject. Required courses for each major sequence are as follows:

- General newspaper sequence—Journalism 15, 16, 40, 41, 48, 52, 53, 56, 60, 81.
- Newspaper-advertising sequence—Journalism 15, 16, 40, 41, 48, 49, 52, 56, 60, 63, 81 plus a minor in business administration. Required courses in the business administration minor include Economics 1, 2, 34, 52, 56, and 68. Art 1 and 41 are also required.
- Newspaper-magazine sequence—Journalism 15, 16, 40, 41, 48, 49, 52, 53, 56, 60, 63, 81, 82; English 25, 60, and 70.
- Public Relations sequence—Journalism 15, 16, 40, 41, 42, 44, 48, 81, 82; Art 1 and 41; Speech 2, 7, 35, 36; A psychology minor is required including the following courses: Psychology 21, 40, 50, 55, 68.

In addition, each journalism major is required to complete at least 26 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
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 subjects.

JOURNALISM MINOR

To minor in journalism the student must complete 18 semester hours in the subject. Journalism 15, 40, 41, 52, 53, 60, 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

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15-16. INTRODUCTION TO JOURNALISM

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

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

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

43. RADIO WRITING

A course for students interested in writing non-news radio scripts. Recommended for those who desire to do free-lance writing. (Offered on demand.)

44. PUBLICITY AND PUBLIC RELATIONS

Lectures and practice in the job of public relations and the use of its journalistic tools. (Offered on demand.)

45, 46, 47. APPLIED JOURNALISM

One and one-half, one, or one-half hours each semester

The editors of THE WHITWORTHIAN and THE NATSIHI will receive, if their work is satisfactory, not more than one credit per semester in "Applied Journalism"; the other staff members of the student newspaper and the yearbook will receive, if their work is satisfactory, one-half hour per semester. Radio news staff members of the Whitworth radio station will receive, if their work is satisfactory, up to one hour per semester.
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 1953-54 and alternate years.)

49. ADVERTISING PRODUCTION
Three hours
Instruction and practice in developing advertising for various media. Prerequisite: Journalism 48. (Offered on demand.)

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. JOURNALISM AND THE LAW COURTS
Four hours second semester
Instruction and practice in the methods of reporting local, superior, and supreme courts. Lectures and readings in libel, constitutional guarantees, and other phases of law affecting newspapers and periodicals. (Offered 1953-54 and alternate years.
Prerequisites: At least six hours in Journalism 40-41 and 15 grade points.

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 1953-54 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, hours 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.)

*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 1952-53 and alternate years.)

82. WRITING FOR PUBLICATION II
Three hours second semester
An advanced feature writing course. Intensive free-lance writing is emphasized. Prerequisites: Journalism 81. (Offered 1952-53.)
Course may be taken for credit in English and in Christian Ed.
*83 CRITICAL WRITING  
The function of criticism in journalism; reviewing of motion pictures, plays, and books for newspapers and magazines. (Offered on demand.)  

90. SEMINAR IN JOURNALISM  
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.  
**Course may be taken for credit in Economics.

LIBRARY SCIENCE  
Mrs. French

70. CATALOGING AND CLASSIFICATION  
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  
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  
Miss Engelman

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 15 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 16 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 16 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  
French phonetics, essentials of grammar, acquisition of vocabulary, elementary composition. Conversation from the very beginning, later on reading of graded texts.
3, 4. INTERMEDIATE FRENCH  
Three hours each semester  
An intensive study of several modern short stories and selected poetry. Grammar review, composition and conversation.

50. PHONETIC LABORATORY (Modern Languages)  
One hour second semester  
Especially recommended to voice majors and prospective teachers. Principles of formation of sounds, pronunciation and intonation in German and French singing and speaking. Main emphasis is on actual practicing of pronunciation, checked by recordings of the student's work. Assignments are given in the field of the student's special interest. Two class meetings each week.

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 three 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. (Modern Languages)  
One hour (2 periods) second semester  
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 three 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
    Spanish phonetics, essentials of grammar, vocabulary building, elementary composition. Conversation from the very beginning, later on reading of graded texts.

3, 4. INTERMEDIATE SPANISH
    Three hours each semester

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 short texts or vocabularies of 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 or three hours
    Readings from outstanding 19th and 20th century authors of the Spanish-American countries.

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 throughout the centuries the aim of this department is to provide for the student a working philosophy of life.

Beginning with this year, 1952, a Major in Philosophy will no longer be offered. A minor consists of not less than 18 hours.

31. INTRODUCTION TO PHILOSOPHY
    Three hours first semester
    An introduction to the various systems with emphasis on Greek thought. This course is a prerequisite to all other courses in Philosophy except 62, 80, 88.

55. HISTORY OF ANCIENT PHILOSOPHY
    Three hours first semester
    From Thales to Aristotle. (Given 1952-53 and alternate years.)

56. HISTORY OF MODERN PHILOSOPHY
    Three hours second semester
    From Descartes to Kant. Prerequisite: Philosophy 55. (Given 1953-54 and alternate years.)

58. ETHICS
    Three hours second semester
    A comparative study of classical theories. (Given 1952-53 and alternate years.)
60. **LOGIC**
Two hours second semester
Formal deductive reasoning. (Given 1952-53 and alternate years.)

62. **PHILOSOPHY OF HISTORY**
Two hours second semester
The relation of man to historical movements. Open to Philosophy or History majors only. (Given 1952-53 and alternate years.)

80. **PHILOSOPHY OF EDUCATION**
Two hours second semester
For course description see Education 80.

88. **PHILOSOPHY OF RELIGION**
Two hours second semester
For course description see Christian Education 88. (Given 1953-54 and alternate years.)

90, 91. **DIRECTED READINGS AND RESEARCH**
Three-five hours each semester
Research by senior students. Credit given depends upon the quantity and quality of work done in the investigation of philosophical problems.
Division of the Sciences

BIOLOGY

Dr. Alder  Mr. Snyder

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 101 or 102. 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.

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

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### SOPHOMORE YEAR

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### JUNIOR YEAR

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### SENIOR YEAR

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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.

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 hours second semester

   An introductory course designed to meet the needs of nursing and home economics students. Laboratory techniques will be emphasized. Does not count toward a major or a minor in biology. Two lectures and two two-hour laboratory periods.

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. Four lectures and one three-hour laboratory period.

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. Three lectures and one three-hour laboratory period.

21. **HUMAN PHYSIOLOGY**
   Four hours second semester
   The circulatory, respiratory, digestive, urinary, reproductive, and endocrine systems are studied. Three lectures and one three-hour laboratory period. Prerequisite: Biology 20.

35. **PARASITOLOGY**
   Two hours second semester
   A study of the life-histories, morphology, and control of important human parasites. One lecture and one three-hour laboratory period.

45. **MICROBIOLOGY**
   Five hours first semester
   An introduction to structure and functions on micro-organisms with emphasis on their relation to disease, including a general survey of bacteria immunology and antibiotics. Three lectures and two three-hour laboratory periods. Introductory course in biology recommended. (Offered 1952-53 and alternate years.)

50-51. **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. Three lectures and one three-hour laboratory period. (Offered in 1953-54 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 1952-53 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 1952-53 and alternate years.)

61. **HISTOLOGY**
   Two hours second semester
   This course consists of microscopic study of the anatomy of various organ systems of vertebrates, especially mammals. Prerequisite: Biology 12. One lecture and one three-hour laboratory period. (Offered 1953-54 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 12 or 2.

101. **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.

102. **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 101 required of all senior students majoring in biology. One or two hours of credit.
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

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### SOPHOMORE YEAR

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### JUNIOR YEAR

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### SENIOR YEAR

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*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
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
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
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
Gravimetric and volumetric analysis of standard laboratory compounds. Prerequisites: Chemistry 5-6. Two lectures and two laboratory periods per week.

30 ORGANIC CHEMISTRY
A special course for majors in Home Economics. Three lectures and two laboratory periods. (Offered 1953-54 and alternate years.)

53-54 ORGANIC CHEMISTRY
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
A laboratory study and preparation of different types of organic compounds. Three laboratory periods. Prerequisites: Chemistry 53-54. (Offered 1952-53 and alternate years.)

61-62. BIOLOGICAL CHEMISTRY
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 1953-54 and alternate years.)

71-72. ADVANCED QUANTITATIVE ANALYSIS
A laboratory study of the more difficult methods of analysis. Prerequisites: Chemistry 13-14. Three laboratory periods. (Offered 1952-53 and alternate years.)

80. LABORATORY TECHNIQUE
Instruction in laboratory arts, care of equipment, and glass working. Laboratory time will be devoted mostly to elementary glass blowing practice.

91-92. PHYSICAL CHEMISTRY
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
For Seniors majoring in Chemistry.

98-99. ORGANIC ANALYSIS
Qualitative tests for the principal groups of organic compounds and quantitative analysis of animal and vegetable substances. Two laboratory periods per week. (Offered 1953-54 and alternate years.)
GEOLOGY
Mr. Neustel

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

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

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, Chemistry, Physics, and Physiology 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.

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, 54 and 70.

### FRESHMAN YEAR

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<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Preparation</td>
<td>3</td>
<td>Advanced Food Preparation</td>
<td>3</td>
</tr>
<tr>
<td>Beginning Design</td>
<td>2</td>
<td>Special Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
<td>Foreign Language</td>
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</tr>
<tr>
<td>Bible</td>
<td>3</td>
<td>Personal Hygiene</td>
<td>1</td>
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<tr>
<td>Physics of the Home</td>
<td>4</td>
<td>Physical Education</td>
<td>1</td>
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<tr>
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<td>1</td>
<td>Electives</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td><strong>Total</strong></td>
<td>16</td>
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</table>
### JUNIOR YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>First Semester</th>
<th>Hours</th>
<th>Course</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nutrition</td>
<td></td>
<td>3</td>
<td>Child Development</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Home Furnishing</td>
<td></td>
<td>3</td>
<td>Bible</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td></td>
<td>5</td>
<td>Electives</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>General Psychology</td>
<td></td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td>15</td>
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<td><strong>16</strong></td>
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</tbody>
</table>

**Second Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>First Semester</th>
<th>Hours</th>
<th>Course</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marriage and the Family</td>
<td></td>
<td>3</td>
<td>Home Management</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Bible</td>
<td></td>
<td>2</td>
<td>Work Experience</td>
<td></td>
<td>2-6</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>10</td>
<td>Electives</td>
<td></td>
<td>11-7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>15</strong></td>
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</tr>
</tbody>
</table>

Courses recommended for electives are: Home Economics, 8, 37, 54, 61, 67, 70, and 85, and Biology 5, 55, and Philosophy 51.

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

70. **SPECIAL METHODS IN TEACHING HOME ECONOMICS**
   
   Two hours first semester
   
   The problems involved in teaching Home Economics; objectives, organization of subject matter, equipment. (Offered 1953-54 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.

### 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 second semester
   
   Basic techniques used in weaving, and practical experience in weaving on two-harness looms.
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 1953-54 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 1952-53 and alternate years.)

61. DIETETICS Two hours second semester
A study of the principles of Nutrition applied to the feeding of individuals and the family group. Laboratory work includes the planning and preparation of diets. (Offered 1952-53 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 1953-54 and alternate years.)

35. HOME FURNISHING Three hours first semester
A study of the principles involved in the decorating and furnishing of the home. Offered 1952-53 and alternate years.)

37. ECONOMICS OF CONSUMPTION Two hours first semester
See Economics 37 for a description of this course. (Offered 1952-53 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 1953-54 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 1952-53 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 1952-53 and alternate years.)
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 selects 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 3, 4, 5, 6, 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 3, 4, 5, 6, 55, and 56.

Mathematics 1 and 2 do not count towards a major or a minor.

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 1½ units in high school algebra, 1 unit in plane geometry and ½ unit in solid geometry. The deficiencies in advanced algebra and solid geometry can be removed by completing Mathematics 1 and 2.

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**

<table>
<thead>
<tr>
<th>Subject</th>
<th>First Semester</th>
<th>Hours</th>
<th>Subject</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trigonometry</td>
<td></td>
<td>3</td>
<td>Analytic Geometry</td>
<td></td>
</tr>
<tr>
<td>College Algebra</td>
<td></td>
<td>2</td>
<td>College Algebra</td>
<td>2</td>
</tr>
<tr>
<td>Engineering Drawing</td>
<td></td>
<td>2</td>
<td>Plane Surveying</td>
<td>3</td>
</tr>
<tr>
<td>English Composition</td>
<td></td>
<td>3</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Bible</td>
<td></td>
<td>2</td>
<td>Public Speaking</td>
<td>2</td>
</tr>
<tr>
<td>Social Science</td>
<td></td>
<td>3</td>
<td>Electives</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td></td>
<td>1</td>
<td>Physical Education</td>
<td>1</td>
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<tr>
<td></td>
<td></td>
<td><strong>16</strong></td>
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</tbody>
</table>

**SOPHOMORE YEAR**

<table>
<thead>
<tr>
<th>Subject</th>
<th>First Semester</th>
<th>Hours</th>
<th>Subject</th>
<th>Second Semester</th>
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</thead>
<tbody>
<tr>
<td>Calculus</td>
<td></td>
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<td>Calculus</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
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<td>Physics</td>
<td>5</td>
</tr>
<tr>
<td>Descriptive Geometry</td>
<td></td>
<td>2</td>
<td>Bible</td>
<td>3</td>
</tr>
<tr>
<td>General Psychology</td>
<td></td>
<td>3</td>
<td>Electives</td>
<td>3</td>
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<tr>
<td></td>
<td></td>
<td><strong>16</strong></td>
<td></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>
1. **FUNDAMENTALS OF MATHEMATICS**  
Three hours first 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.

2. **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 ½ unit of high school solid geometry.

3. **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 3 and 4 simultaneously.

4-5. **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 5 and 6 simultaneously.

6. **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 3, 4, 5.

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 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 3, 4-5, 6. 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.
WHITWORTH COLLEGE

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. (Offered 1952-53 and alternate years.)

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 1952-53 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 1953-54 and alternate years.)

99-100 VECTOR ANALYSIS AND TENSORS

Three hours each semester

WHITWORTH-DEACONESS AFFILIATION IN
PROFESSIONAL NURSING

Miss Rees  Miss Meeker  Miss Anderson

Three Programs Are Offered:

(1) The basic degree program of approximately four and one-half years leading to a Bachelor of Science degree from Whitworth College and a diploma from the Deaconess Hospital School of Nursing.

(2) The three-year basic program leading to a diploma in nursing.

(3) Program for graduate nurses who wish to qualify for the Bachelor of Science degree.

Whitworth College provides instruction in the basic sciences for the students of the Deaconess Hospital School of Nursing, and grants credit for the clinical subjects which are taught at the hospital as laboratory experience in the various areas of nursing.

The professional curriculum is the same in each of the two basic programs and carries the same amount of credit in either case. The chief difference between the two plans is that the student who begins with the degree program spends the first year on the campus studying the basic sciences and the general subjects which are required for graduation, then begins the clinical program the following summer, which is continued to the end of the fourth year. The first semester of the fifth year the requirements are completed at both Whitworth and the Deaconess. In the diploma program the course is begun with the clinical instruction during the summer session and continues through the next two semesters. The second and third years correspond to the third and fourth years of the degree program. The student may then, after receiving her diploma, spend three semesters on the campus in a specified program with a major in nursing and a minor in biology to qualify for the Bachelor of Science degree.

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.

Graduate nurses from other schools of nursing may qualify for a Bachelor of Science degree upon completion of a course of study as outlined after consultation with the Dean, Registrar, and Director of Nursing Education. A maximum of 45 semester hours credit will be granted to the graduate of a basic three-year program of another school of nursing.
## CURRICULUM OF THE BASIC DEGREE PROGRAM IN NURSING

### First Semester—Whitworth College

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 20, Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry 1, General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>English 1, Composition</td>
<td>3</td>
</tr>
<tr>
<td>Bible, Elective</td>
<td>2</td>
</tr>
<tr>
<td>Psychology 21, General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education, Elective</td>
<td>1</td>
</tr>
</tbody>
</table>

### Second Semester—Whitworth College

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 21, Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry 2, General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>English 2, Composition</td>
<td>3</td>
</tr>
<tr>
<td>Speech 1, Fundamentals</td>
<td>2</td>
</tr>
<tr>
<td>Biology 12, Vertebrate Zoology</td>
<td>4</td>
</tr>
</tbody>
</table>

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### First Summer—Deaconess Hospital

(6 weeks only)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 23, Nursing Arts</td>
<td>2</td>
</tr>
<tr>
<td>Nursing Education 24, Professional Adjustments</td>
<td>2</td>
</tr>
</tbody>
</table>

Six weeks experience in clinical area is included.

### Third Semester, Whitworth

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 25, Nursing Arts</td>
<td>2</td>
</tr>
<tr>
<td>Elective</td>
<td>2</td>
</tr>
<tr>
<td>Biology 45, Microbiology (in '52)*</td>
<td>4</td>
</tr>
<tr>
<td>Biology 35, Parasitology</td>
<td>2</td>
</tr>
<tr>
<td>Sociology 11 or 12 (in '53)*</td>
<td>3</td>
</tr>
<tr>
<td>Home Economics 19, Nutrition</td>
<td>2</td>
</tr>
<tr>
<td>Bible, Elective</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education, Elective</td>
<td>1</td>
</tr>
</tbody>
</table>

Eight hours experience in clinical area each week.  
One week vacation in December.

### Fourth Semester, Whitworth and Deaconess

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 26, Nursing Arts</td>
<td>2</td>
</tr>
<tr>
<td>Physics 6, Physics for Nurses*</td>
<td>3</td>
</tr>
<tr>
<td>Biology 5, Bacteriology (in '53)*</td>
<td>3</td>
</tr>
<tr>
<td>Sociology 11 or 12 (in '52)*</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education, Elective</td>
<td>4</td>
</tr>
<tr>
<td>Nursing Education 40, Pharmacology</td>
<td>1</td>
</tr>
<tr>
<td>Nursing Education 42, Introduction to Medical Science</td>
<td>1½</td>
</tr>
<tr>
<td>Nursing Education 58, Diet Therapy</td>
<td>1½</td>
</tr>
</tbody>
</table>

Fourteen hours experience in clinical area each week.

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*On even years Microbiology is taken the first semester and Sociology the second.  
On odd years Bacteriology is taken the second semester and Sociology the first semester.  
An alternate course may be substituted for Physics upon the approval of the Director of Nursing Education.

### Second Summer, Deaconess

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 50, Medical Nursing</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 56, Surgical Nursing</td>
<td>3</td>
</tr>
</tbody>
</table>

Medical and Surgical clinical experience in the Deaconess Hospital.  
Three weeks vacation.
### Fifth Semester, Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 60, Operating Room Technique</td>
<td>1</td>
</tr>
<tr>
<td>Nursing Education 70, Surgical Specialties</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 80, Pediatrics</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 66, Medical Specialties</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 68, Emergency Nursing</td>
<td>1</td>
</tr>
<tr>
<td>W.S.C., Introduction to Public Health Nursing</td>
<td>2</td>
</tr>
</tbody>
</table>

Continued Medical, Surgical, Operating Room, or Diet Kitchen clinical experience.

### Sixth Semester, Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 86, Obstetrics</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 50, History of Nursing</td>
<td>2</td>
</tr>
<tr>
<td>Psychology 65, Child Psychology</td>
<td>2</td>
</tr>
</tbody>
</table>

Continued Medical, Surgical, Obstetrical or Pediatric clinical experience.

### Third Summer, Affiliation

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. S. C. Public Health Field Experience</td>
<td>2</td>
</tr>
<tr>
<td>Nursing Education 91, Tuberculosis Nursing (V.A. Walla)</td>
<td>2</td>
</tr>
</tbody>
</table>

Three weeks vacation.

### Seventh Semester, Affiliation and Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>U. of W. Psychiatric Nursing</td>
<td>5</td>
</tr>
<tr>
<td>Psychiatric Nursing practice</td>
<td>6</td>
</tr>
</tbody>
</table>

Thirteen weeks on affiliation. Remainder in clinical experience at Deaconess Hospital.

### Fourth Summer, Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three weeks vacation. Clinical experience as in eighth semester.</td>
<td></td>
</tr>
</tbody>
</table>

### Eighth Semester, Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 94, Professional Adj. 11</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 100, Ward Management</td>
<td>2</td>
</tr>
</tbody>
</table>

Senior clinical experience and four weeks assistant headnurseship.

### Ninth Semester—Whitworth College and Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 68, Theory of Counselling and Guidance</td>
<td>2</td>
</tr>
<tr>
<td>Nursing Education 103, Methods of Teaching in Schools of Nursing</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 103, Experience Ward Teaching</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education, Elective</td>
<td>1</td>
</tr>
<tr>
<td>Electives (Literature, Soc. Sc., Biology)</td>
<td>8</td>
</tr>
</tbody>
</table>

16
CURRICULUM OF THE DIPLOMA PROGRAM IN NURSING

First Summer—Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 23, Nursing Arts 1</td>
<td>2</td>
</tr>
<tr>
<td>Nursing Education 24, Professional Adjustments 1</td>
<td>2</td>
</tr>
<tr>
<td>Pre-Nursing experience on medical and surgical wards approximately six weeks.</td>
<td></td>
</tr>
</tbody>
</table>

First Semester—Whitworth College and Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 25, Nursing Arts 1</td>
<td>2</td>
</tr>
<tr>
<td>Chemistry 8, General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>Biology 7, Anatomy and Physiology</td>
<td>5</td>
</tr>
<tr>
<td>English 4, Composition</td>
<td>2</td>
</tr>
<tr>
<td>Bible, Elective</td>
<td>2</td>
</tr>
<tr>
<td>Home Economics 19, Nutrition</td>
<td>2</td>
</tr>
<tr>
<td>Personal Education, Elective</td>
<td>1</td>
</tr>
<tr>
<td>Eight hours experience in clinical area each week. One week vacation in December.</td>
<td></td>
</tr>
</tbody>
</table>

Second Semester—Whitworth College and Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 26, Nursing Arts 11</td>
<td>2</td>
</tr>
<tr>
<td>Biology 5, Bacteriology</td>
<td>3</td>
</tr>
<tr>
<td>Sociology 1, Introduction Sociology</td>
<td>2</td>
</tr>
<tr>
<td>Psychology 20, General Psychology</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education, Elective</td>
<td>1</td>
</tr>
<tr>
<td>Nursing Education 40, Pharmacology</td>
<td>4</td>
</tr>
<tr>
<td>Nursing Education 42, Introduction to Medical Science</td>
<td>1½</td>
</tr>
<tr>
<td>Nursing Education 58, Diet Therapy</td>
<td>1½</td>
</tr>
<tr>
<td>Fourteen hours experience in clinical area each week.</td>
<td></td>
</tr>
</tbody>
</table>

Second Summer—Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 50, Medical Nursing</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 56, Surgical Nursing</td>
<td>3</td>
</tr>
<tr>
<td>Medical or Surgical clinical experience in Deaconess Hospital. Three weeks vacation.</td>
<td></td>
</tr>
</tbody>
</table>

Third Semester—Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 60, Operating Room Tech.</td>
<td>1</td>
</tr>
<tr>
<td>Nursing Education 70, Surgical Specialties</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 86, Obstetrics</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 66, Medical Specialties</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 68, Emergency Nursing</td>
<td>1</td>
</tr>
<tr>
<td>W. S. C. Intro. to Public Health Nursing</td>
<td>2</td>
</tr>
<tr>
<td>Continued Medical, Surgical, Operating Room, or Diet Kitchen clinical experience.</td>
<td></td>
</tr>
</tbody>
</table>

Fourth Semester—Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 80, Pediatrics</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 65, Child Psychology</td>
<td>2</td>
</tr>
<tr>
<td>Nursing Education 30, History of Nursing</td>
<td>2</td>
</tr>
<tr>
<td>Continued Medical, Surgical, Obstetrical or Pediatric clinical experience. Affiliation may begin this semester.</td>
<td></td>
</tr>
</tbody>
</table>
Third Summer, Affiliation
W. S. C. Public Health
Field Experience 2
---or---
Nursing Education 91 Tuberculosis Nursing (V. A. Walla Walla) 2

Total 2

Three weeks vacation.

Fifth Semester—Affiliation and Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>U. of W. Psychiatric Nursing</td>
<td>5</td>
</tr>
<tr>
<td>Psychiatric Nursing Practice</td>
<td>6</td>
</tr>
</tbody>
</table>

11

Thirteen weeks on affiliation. Remainder in clinical experience at Deaconess Hospital.

Sixth Semester—Deaconess Hospital

<table>
<thead>
<tr>
<th>Subject</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Education 94, Professional Adjustments</td>
<td>3</td>
</tr>
<tr>
<td>Nursing Education 100, Ward Management</td>
<td>2</td>
</tr>
</tbody>
</table>

5

Senior clinical experience and four weeks assistant headnurseship.

*These may occur anytime from the fourth semester to the sixth semester.

For course descriptions see the catalogue of the Deaconess Hospital School of Nursing, Spokane, Washington, which will be sent upon request.

NOTE: 24 semester hours credit is given by Whitworth College for clinical experience. Further information may be obtained by writing to the Head of the Department of Nursing Education, Whitworth College, or to the Director of Nursing, Deaconess Hospital, Spokane, Washington.

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

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>College Algebra</td>
<td>2</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Bible</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analytic Geometry</td>
<td>3</td>
</tr>
<tr>
<td>College Algebra</td>
<td>2</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Public Speaking</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

### SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 11, General</td>
<td>5</td>
</tr>
<tr>
<td>Calculus</td>
<td>5</td>
</tr>
<tr>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 12, General</td>
<td>5</td>
</tr>
<tr>
<td>Calculus</td>
<td>5</td>
</tr>
<tr>
<td>Engr. 7, Electrical Circuits</td>
<td>3</td>
</tr>
<tr>
<td>Bible</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

### JUNIOR YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 96, Mod. Physics</td>
<td>2</td>
</tr>
<tr>
<td>Physics 57, Elec. &amp; Mag.</td>
<td>3</td>
</tr>
<tr>
<td>Physics 58, Elec. Meas.</td>
<td>2</td>
</tr>
<tr>
<td>*Math., Differential Eqs.</td>
<td>2</td>
</tr>
<tr>
<td>**Chemistry, Quant.</td>
<td>4</td>
</tr>
<tr>
<td>Bible</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 97, Atomic Physics</td>
<td>2</td>
</tr>
<tr>
<td>Physics 67, Optics</td>
<td>4</td>
</tr>
<tr>
<td>*Math., Differential Eqs.</td>
<td>2</td>
</tr>
<tr>
<td>**Chemistry, Quant.</td>
<td>4</td>
</tr>
<tr>
<td>Electives</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

### SENIOR YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 77, Heat</td>
<td>4</td>
</tr>
<tr>
<td>**Chemistry: Physical</td>
<td>4</td>
</tr>
<tr>
<td>*Physics 81, Mechanics</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 55, Radio</td>
<td>4</td>
</tr>
<tr>
<td>**Chemistry: Physical</td>
<td>4</td>
</tr>
<tr>
<td>*Physics 82, Mechanics</td>
<td>2</td>
</tr>
<tr>
<td>Bible</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

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 1952-53 and alternate years.)

5. PHYSICS OF THE HOME

Intended particularly for home economics students. A working knowledge of arithmetic and simple algebra is assumed. Three lectures and one laboratory a week. (Offered 1953-54 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 1953-54 and alternate years.)

8. ELEMENTARY PHOTOGRAPHY
Two hours first semester 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 two dollars. One lecture and one laboratory a week. (Offered 1952-53 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 1953-54 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 II 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 1953-54 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 1952-53 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 1952-53 and alternate years.)

67. OPTICS
Four hours second semester
The theory and more common techniques of optics. Prerequisite: Physics 12 and Calculus. (Offered 1952-53 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 five dollars. (Offered 1952-53 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 1953-54 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
(Offered on demand.)

93. SPECIAL METHODS IN TEACHING LABORATORY SCIENCE
Three hours summer term

96. MODERN PHYSICS
Two hours first semester
A survey of recent progress in physics. Prerequisite: Physics 12. (Offered 1952-53 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 in 1952-53 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
Beginning research investigations. Credit to be arranged

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, 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 1½ units, Geometry 1½ units, Chemistry 1 unit and Physics 1 unit. Students with deficiencies should confer with the Engineering Adviser before completing registration.

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td><strong>Second Semester</strong></td>
</tr>
<tr>
<td>Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>College Algebra</td>
<td>2</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>Engineering Drawing</td>
<td>2</td>
</tr>
<tr>
<td>Engineering Problems</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td><strong>Hours</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE YEAR</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td><strong>Second Semester</strong></td>
</tr>
<tr>
<td>General Physics</td>
<td>5</td>
</tr>
<tr>
<td>Calculus</td>
<td>5</td>
</tr>
<tr>
<td>Advanced Engr. Drawing</td>
<td>2</td>
</tr>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td><strong>Hours</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>
JUNIOR YEAR (Three-Two Plan)

<table>
<thead>
<tr>
<th>Hours</th>
<th>Required for</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Economics 1 and 2</td>
</tr>
<tr>
<td>2</td>
<td>Speech 1</td>
</tr>
<tr>
<td>2</td>
<td>Bible</td>
</tr>
<tr>
<td>3</td>
<td>Psychology 21</td>
</tr>
<tr>
<td>3</td>
<td>Geology 51 and 52</td>
</tr>
<tr>
<td>3</td>
<td>Applied Mechanics</td>
</tr>
<tr>
<td>5</td>
<td>Physics 57 and 58</td>
</tr>
<tr>
<td>4</td>
<td>Physics 77</td>
</tr>
<tr>
<td>3</td>
<td>Mathematics 91</td>
</tr>
<tr>
<td>2</td>
<td>Chemistry 11 and 13</td>
</tr>
<tr>
<td>4</td>
<td>Chemistry 14</td>
</tr>
<tr>
<td>10</td>
<td>Chemistry 53 and 54</td>
</tr>
<tr>
<td>6</td>
<td>Economics 30 and 31</td>
</tr>
<tr>
<td>3</td>
<td>Economics 35</td>
</tr>
</tbody>
</table>

(Transfer to Lafayette College after Junior year.)

(JUNIOR YEAR (Other Students))

<table>
<thead>
<tr>
<th>Mathematics Majors</th>
<th>Physics Majors</th>
<th>Chemistry Majors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours</td>
<td>Hours</td>
<td>Hours</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6</td>
<td>Physics</td>
</tr>
<tr>
<td>Electives</td>
<td>24</td>
<td>Mathematics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Electives</td>
</tr>
</tbody>
</table>

(SENIOR YEAR (Other Students))

<table>
<thead>
<tr>
<th>Mathematics Majors</th>
<th>Physics Majors</th>
<th>Chemistry Majors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours</td>
<td>Hours</td>
<td>Hours</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6</td>
<td>Physics</td>
</tr>
<tr>
<td>Electives</td>
<td>24</td>
<td>Mathematics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Electives</td>
</tr>
</tbody>
</table>

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.
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 Miss Coleman

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 1, 2, 30, 31, 34, 35, 36, 49, 51, 56, 65. Five 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 major in Secretarial Science consists of 36 semester hours including Secretarial Science courses 1, 2, 3, 4, 5, 6, 7, 8, 40, 63 and EB 1, 2, 30, 31, 36. 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

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>Principles of Economics</td>
<td>3</td>
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<tr>
<td>English Composition</td>
<td>3</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>4 or 5</td>
<td>Laboratory Science</td>
<td>4 or 5</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Bible</td>
<td>2</td>
<td>Speech Fundamentals</td>
<td>2</td>
</tr>
<tr>
<td>Typewriting</td>
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<td>Typewriting</td>
<td>2</td>
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<tr>
<td></td>
<td>15 or 16</td>
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## SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
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<th>Second Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Accounting</td>
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<td>3</td>
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<tr>
<td>Economic Geography, or Consumer Economics</td>
<td>3</td>
<td>General Psychology</td>
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<tr>
<td>Bible</td>
<td>3</td>
<td>Business Law</td>
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<td>History 31</td>
<td>3</td>
<td>Business English</td>
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<td>Sociology</td>
<td>3</td>
<td>History 32</td>
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<td>Physical Education</td>
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<tr>
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<td>Personal Hygiene</td>
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## JUNIOR YEAR

<table>
<thead>
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<th>Hours</th>
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<tbody>
<tr>
<td>Money and Banking</td>
<td>4</td>
<td>Economic History of the United States, or Investments</td>
<td>3</td>
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<td>History of Ec. Doctrines</td>
<td>4</td>
<td>Business Finance or Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Bible</td>
<td>2</td>
<td>Statistics</td>
<td>3</td>
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<td>Electives</td>
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## SENIOR YEAR

<table>
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<th>Second Semester</th>
<th>Hours</th>
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<tbody>
<tr>
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<td>Salesmanship</td>
<td>3</td>
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<td>Electives</td>
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<td>Personnel Work</td>
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*This shall be waived for students who demonstrate they have a good mastery of the typewriter.*

## SECRETARIAL SCIENCE

### FRESHMAN YEAR

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<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
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<tbody>
<tr>
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<td>English Composition</td>
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<td>Shorthand</td>
<td>4</td>
<td>Shorthand</td>
<td>4</td>
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<tr>
<td>Typing</td>
<td>2</td>
<td>Typing</td>
<td>2</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>4 or 5</td>
<td>Laboratory Science</td>
<td>4 or 5</td>
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<tr>
<td>Speech Fundamentals</td>
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<td>Bible</td>
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<td>1</td>
<td>Physical Education</td>
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<td>Personal Hygiene</td>
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### SOPHOMORE YEAR

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<th>Second Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Principles of Economics</td>
<td>3</td>
<td>Principles of Economics</td>
<td>3</td>
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<tr>
<td>Shorthand</td>
<td>3</td>
<td>Shorthand</td>
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</tr>
<tr>
<td>Typing</td>
<td>2</td>
<td>Typing</td>
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</tr>
<tr>
<td>Accounting</td>
<td>3</td>
<td>Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Bible</td>
<td>3</td>
<td>Business English</td>
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<tr>
<td>General Psychology</td>
<td>3</td>
<td>Secretarial Work</td>
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DIVISION OF THE SOCIAL SCIENCES

JUNIOR YEAR

First Semester

<table>
<thead>
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<th>Course</th>
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<td>Physical Education</td>
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<tr>
<td>Business Machines</td>
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<td>Introduction to Sociology</td>
<td>3</td>
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<tr>
<td>Money and Banking</td>
<td>4</td>
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<tr>
<td>Economic Geography, or</td>
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<tr>
<td>Introduction to Business</td>
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<td>History 31</td>
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Second Semester

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<td>Bible</td>
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<td>Statistics</td>
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<tr>
<td>Economic History of United States</td>
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<td>History 32</td>
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16

SENIOR YEAR

First Semester

<table>
<thead>
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<th>Course</th>
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<td>Investments, or History</td>
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<td>Political Science</td>
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Second Semester

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<thead>
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<td>Bible</td>
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<tr>
<td>Office Management</td>
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<tr>
<td>Electives</td>
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</table>

15

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

EB 1, 2. PRINCIPLES OF ECONOMICS

Three hours each 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.

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. Numerous practical problems serve to clarify and exemplify the basic principles presented. (Offered 1953-54 and alternate years.)

36. BUSINESS ENGLISH

Three hours second semester

Prerequisite: English 1-2, or consent of instructor. Business letters in their various forms. A course to give training in business methods as applied to office correspondence. Open to all students who desire a knowledge of business writing.
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 Trades laws, and other spheres of government aids. (Offered 1952-53 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 1953-54 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.

50. OCCUPATIONAL ORIENTATION AND PERSONNEL WORK  Three hours second semester
Prerequisites: Psychology 21, 40, and 55. This course deals with the underlying psychological and economic principles applicable to personnel direction in business administration. Taught by the staff of the Business and Psychology Departments. (Offered 1953-54 and alternate years.)

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 effects. (Offered 1953-54 and alternate years.)

53. INVESTMENTS  Three hours second semester
Analysis of securities; the principles of diversification; securities exchanges; bonds and stocks as investments. (Offered 1952-53 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 1952-53 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 1952-53 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.
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.)

69. SALESMANSHIP
Three hours second semester
A practical course on methods of approach, presentation, and successful closing of interviews. Psychological principles involved in selling are studied with a view of overcoming common errors. (Offered 1952-53 and alternate years.)

91-92. ECONOMICS AND BUSINESS
Hours to be arranged
Research. Individual study.

SECRETARIAL SCIENCE

1, 2. 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. 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.

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 1952-53 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, dictaphone, mimeograph, etc. (Open only to Secretarial, Economics, and Business students.)

65. SPECIAL METHODS IN TEACHING BUSINESS
Two hours second semester
Open to students interested in teaching in the field of business. Special methods in teaching shorthand, typing, bookkeeping, etc. (Offered 1952-53 and alternate years.)

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 1952-53 and alternate years.)

EDUCATION

Dr. Maxson  Dr. Munn
Dr. Schlauch  Mrs. Tiffany  Dr. Bibb  Mr. Wilson
Miss Baldwin

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. Required courses for a major are: 25, 32, 49, 51, 68, 71, 72.
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 training or three summer schools 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 in which case one area of the option must be chosen from the sixth area listed.

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

<table>
<thead>
<tr>
<th>General Requirements:</th>
<th>Areas From Which To Choose</th>
<th>Areas of Concentration</th>
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<tbody>
<tr>
<td>Art</td>
<td>Art</td>
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<tr>
<td>Bible</td>
<td>Bible</td>
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<td>English Composition</td>
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<tr>
<td>Health Education</td>
<td>Health Education</td>
<td>hours in other fields</td>
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<tr>
<td>Music 1 or 4.</td>
<td>Music 1 or 4.</td>
<td>of area.</td>
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<td>Physical Education</td>
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<td>2. Two Broad Areas of:</td>
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<tr>
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<td>Psychology</td>
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<tr>
<td>Science</td>
<td>Science</td>
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<td>Social Science</td>
<td>Social Science</td>
<td>3. Three Broad Areas:</td>
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<td>(Including Washington</td>
<td>14-hours in three</td>
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<tr>
<td>History and</td>
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<td>Development</td>
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<td>Curricular Material and Methods</td>
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<td>Directed Teaching and Observation</td>
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</table>

To Choose

1. **Health Education.** (Including Physical Education and Recreation).
2. **Language Arts** (Reading, Speech, Literature, Library, Foreign Language, Journalism).
3. **Social Studies** (History, Geography, Sociology, Anthropology, Political Science and Economics, Psychology.
4. **Science and Mathematics.** Biological Science and Physical Science.
# SUGGESTED SCHEDULE FOR GENERAL CERTIFICATE

## FRESHMAN

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Hours</th>
<th>Spring Semester</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>General Psychology</td>
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<td>Bible</td>
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<td>English Composition</td>
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<tr>
<td>Physical Education</td>
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<td>Science</td>
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<td>Physical Education</td>
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<td>Broad Areas or Speech</td>
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<td>Science</td>
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## SOPHOMORE

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<th>Spring Semester</th>
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## JUNIOR

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Curricular Mat. &amp; Methods</td>
<td>3</td>
<td>Curricular Mat. &amp; Methods</td>
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<tr>
<td>Bible</td>
<td>2</td>
<td>Broad Area</td>
<td>5</td>
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<tr>
<td>*Education 68</td>
<td>2</td>
<td>Electives</td>
<td>7</td>
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<tr>
<td>Broad Areas</td>
<td>8</td>
<td>*Education 61</td>
<td>2</td>
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*Either may be elected.

## SENIOR

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Hours</th>
<th>Spring Semester</th>
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<tbody>
<tr>
<td>Bible</td>
<td>2</td>
<td>Directed Teaching</td>
<td>12</td>
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<tr>
<td>Social Science</td>
<td>4</td>
<td>and Observation</td>
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<tr>
<td>Broad Areas</td>
<td>4</td>
<td>State Manual</td>
<td>1</td>
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<td>Electives</td>
<td>4</td>
<td>Washington State History</td>
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<td>and Government</td>
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<td>Art (Art 50)</td>
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</tbody>
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## 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  
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  
The growth and development of the child from birth through adolescence, 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.

45. CHILDREN'S LITERATURE  
Study of materials and methods relative to meeting growth of children in literary adaptation.

49. FUNDAMENTALS OF STATISTICS  
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  
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.

51. HISTORY AND PHILOSOPHY OF EDUCATION  
A study of the development of the ideals of ancient, medieval, and early Renaissance education. The systems of Greece, Rome, the middle ages, and the post-reformation period are considered with respect to their spirit and content. A study of the aims and purposes as background for educational processes.

61. TESTS AND MEASUREMENTS  
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  
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.

66. EDUCATIONAL SOCIOLOGY  
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  
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  
A course designed to teach the processes of directing children of the lower elementary grades in the effective use of modern reading materials.
70. TEACHING OF GENERAL SCIENCE IN THE ELEMENTARY AND JUNIOR HIGH SCHOOL
Two hours
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.

75. LANGUAGE ARTS IN THE ELEMENTARY SCHOOL
Two hours
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. TEACHING OF ARITHMETIC IN THE ELEMENTARY SCHOOL
Two hours
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. TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL
Two hours
Study of curricular materials and methods in social studies on the elementary level.

79. ORGANIZATION OF CLASS MATERIALS IN THE ELEMENTARY GRADES
Two hours
A course adapted to the needs of class members; group specialization at various levels.

82. ELEMENTARY SCHOOL PHYSICAL EDUCATION
Two hours
Study of materials and methods. Teaching specifically in physical education on the elementary level.

90, 91. RESEARCH SEMINAR
Two or three hours as arranged

94. STATE MANUAL
One hour second semester

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 conferences 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 may be taken by graduate students, and applied if so elected toward the graduate degree, MASTER OF EDUCATION.

101. 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. ADVANCED PRINCIPLES OF EDUCATION
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.

113. STUDIES IN CHILD GROWTH AND DEVELOPMENT
A genetic approach through research projects in achieving an understanding of the child's physical, mental and emotional growth.

114. EVALUATION OF THE ELEMENTARY CURRICULUM

116. EDUCATIONAL MEASUREMENTS
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. ORGANIZATION AND ADMINISTRATION OF SECONDARY SCHOOLS
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. ORGANIZATION AND ADMINISTRATION OF ELEMENTARY SCHOOLS
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. CLASSROOM SUPERVISION
The improvement of instruction through supervision in the first twelve grades.

131. ADVANCED EDUCATIONAL PSYCHOLOGY
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.

160. PUBLIC SCHOOL FINANCE
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.

165. ELEMENTARY SCHOOL GUIDANCE
A study of the guidance program and the relationship of the teacher as counselor to the needs of elementary school children.

180. SEMINAR IN HISTORY AND PHILOSOPHY OF EDUCATION
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.
186. READINGS IN EDUCATION
A graduate reading course in educational materials and basic studies in major areas of educational curricula.

190-191. RESEARCH SEMINAR
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
Methodology of Research and Thesis writing.

HISTORY AND POLITICAL SCIENCE

Mr. Duvall
Dr. Bibb
Mr. Gray
Mr. Yates

The Department of History and Political Science offers courses to supply the necessary requirements for a liberal education and an essential background for intelligent citizenship. They are designed to stimulate an active interest in local, national, and international affairs and problems in the world of today.

A major in History consists of at least 30 hours of work in the subject, which must include the following courses: History 1, 2, 31 and 32. A minor in History consists of at least 16 hours of work in the subject, which must include History 1 and 2. In addition, it is strongly recommended that students planning to major or minor in History take basic courses in Economics, Political Science, and Sociology.

A major in Political Science consists of at least 30 hours of work in the subject, which must include the following courses: Political Science 1, 2, 41, 42, and 82. A minor in Political Science consists of at least 16 hours of work in the subject, which must include Political Science 1 and 2. In addition, it is strongly recommended that students planning to major or minor in Political Science take basic courses in Economics, History, and Sociology.

Those who select the field of History or Political Science in fulfillment of the requirements for the General Teaching Certificate in the State of Washington will be required to take 24 hours of history or Political Science to be determined in consultation with the Head of the Department.

Foreign language is required of all majors in History or Political Science.

Students preparing for the study of law are advised to follow the four-year college course leading to the degree of Bachelor of Arts, with a major in Political Science. It is possible, however, for pre-law students to take three years of college work and receive the Bachelor of Arts degree from Whitworth College on the completion of the first year's work in any law school of recognized standing.

HISTORY

1, 2. HISTORY OF CIVILIZATION.
A survey of world history from pre-literate times to the present. Emphasis is placed upon the continuity of history and the relations which the past bears to contemporary civilization.

31. AMERICAN HISTORY TO 1865
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
A continuation of History 31, emphasizing the development of the West, big business, overseas interests, and world leadership.

33. HISPANIC AMERICAN COLONIES
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 1953-54 and alternate years.)
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<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Hours</th>
<th>Description</th>
<th>Offered Period</th>
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<tr>
<td>34.</td>
<td><strong>HISPANIC AMERICAN REPUBLICS</strong></td>
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<td>Two hours second semester A study is made of the development of the various nations of Hispanic America since independence. (Offered 1953-1954 and alternate years.)</td>
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<td>41.</td>
<td><strong>THE FAR EAST TO 1800</strong></td>
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<td>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. (Offered 1952-1953 and alternate years.)</td>
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<td>42.</td>
<td><strong>THE FAR EAST SINCE 1800</strong></td>
<td></td>
<td>Two hours second semester A continuation of History 41, with emphasis upon the cultural changes which have arisen as a result of Western influence. (Offered 1952-1953 and alternate years.)</td>
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<td>43, 44.</td>
<td><strong>THE ANCIENT WORLD</strong></td>
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<td>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 1952-1953 and alternate years.)</td>
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<tr>
<td>51.</td>
<td><strong>ECONOMIC HISTORY OF THE UNITED STATES</strong></td>
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<td>Three hours each semester (For course description see Economics 51.) (Offered 1953-1954 and alternate years.)</td>
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<td>55, 56.</td>
<td><strong>HISTORY OF ENGLAND</strong></td>
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<td>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 1953-1954 and alternate years.)</td>
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<td>62.</td>
<td><strong>PHILOSOPHY OF HISTORY</strong></td>
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<td>Two hours second semester (For course description see Philosophy 62). (Offered 1952-1953 and alternate years.)</td>
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<td>69.</td>
<td><strong>HISTORY OF EUROPE, 1815-1914</strong></td>
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<td>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 1952-1953 and alternate years.)</td>
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<td>70.</td>
<td><strong>EUROPE SINCE 1914</strong></td>
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<td>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 1952-1953 and alternate years.)</td>
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<td>71.</td>
<td><strong>THE RENAISSANCE.</strong></td>
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<td>Three hours first semester A history of the outstanding personalities and events connected with the civilization of the Italian city-republics; humanism and its effect upon the literature and art of the period. Stress is given to the rise of capitalism and modern science. (Offered 1953-1954 and alternate years.)</td>
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<td>72.</td>
<td><strong>THE REFORMATION</strong></td>
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<td>Three hours second semester A study of the Protestant movement, the Catholic Counter Reformation and the religious wars. Attention will be given to the thought of the reformers. (Offered 1953-1954 and alternate years.)</td>
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<td>73.</td>
<td><strong>THE FRENCH REVOLUTION</strong></td>
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<td>Two hours first semester Emphasis is placed on the background of the French Revolution; the rise of absolutism, the Old Regime, and the events leading up to the revolutionary actions of 1789 and the creation of the First French Republic. (Offered 1953-1954 and alternate years.)</td>
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</table>
74. THE NAPOLEONIC ERA. Two hours second semester
The emergence and work of Napoleon, the creation and decline of his French empire, and his importance in subsequent developments. (Offered 1953-1954 and alternate years.)

75. 76. THE AMERICAN COLONIES Two hours each semester
The background and development of the American colonies through the War for Independence.
(Offered 1952-1953 and alternate years.)

77. THE WESTWARD MOVEMENT Three hours first semester
A comprehensive study of the westward expansion of the United States from 1763 to 1890. The significance of the frontier in American History. (Offered 1953-1954 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

1. AMERICAN NATIONAL GOVERNMENT Three hours first semester
Principles of the federal system of government in America. Consideration will be given significant national problems including presidential "dictatorship", bureaucracy, the lobby, congressional investigations, and the problem of judicial review.

2. AMERICAN LOCAL GOVERNMENT Three hours second semester
Government and politics of states, counties, municipalities, and other local units in the United States; problems of local administration.
Prerequisite: Political Science 1.

41. THE AMERICAN CONSTITUTION Three hours first semester
A study of the growth and development of the United States Constitution as reflected in the decisions of the Supreme Court. Special stress upon principles of the federal system; civil and political rights; the executive power; powers of Congress; the Judiciary; the regulation of commerce, and taxation.
(Offered 1952-1953 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 1952-1953 and alternate years.)

53. CONTEMPORARY WORLD POLITICS Three hours first semester
Consideration of international organizations; principles of collective security and their apparent breakdown; cause of war; the recent developments in Europe and the Far East. As a conclusion, requisites for international peace will be formulated. (Offered 1953-1954 and alternate years.)
54. PRINCIPLES OF INTERNATIONAL LAW

Three hours second semester
A study of the rules and customs which govern the relations of the national states; persons; jurisdictions; pacific relations of states; belligerent relations of states; rights and duties of neutrals. (Offered 1953-1954 and alternate years.)

61. AMERICAN DIPLOMACY TO 1900

Two hours first semester
The origin and development of agencies and policies of diplomacy in America. (Offered 1953-1954 and alternate years.)

62. AMERICAN DIPLOMACY SINCE 1900.

Two hours second semester
A continuation of Political Science 61. (Offered 1953-1954 and alternate years.)

63. COMPARATIVE GOVERNMENT

A comparative study of the governments and politics of the leading nations of Europe. (Offered 1953-54 and alternate years.)

82. HISTORY OF POLITICAL THOUGHT

Three hours second semester
The thought of the political philosophers and the development of basic concepts of the state from the time of Plato to the present. This course is valuable for students interested in the background of our present political doctrines. (Offered 1952-1953 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 the investigation. Open only to seniors and graduates. The consent of the instructor is required for admission to this course.

PSYCHOLOGY

Dr. Maxson Dr. Munn
Mrs. Tiffany 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, 40, 49, 52, 55, 59, 68. 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 the second semester of the freshman year.

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
Signed 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.

40. APPLIED PSYCHOLOGY

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

42. SOCIAL PSYCHOLOGY

For course description see Sociology 42.
49. FUNDAMENTALS OF STATISTICS Three hours first and second semesters
For course description see Education 49.

50. OCCUPATIONAL ORIENTATION, PERSONNEL WORK Two hours
For course description see Business Administration 50.

51. HISTORY OF PSYCHOLOGY Two Hours
A survey of the development of psychology and a study of the different con-
temporary schools of psychology. Required for psychology majors. (Offered
1951-52 and alternate years.)

52. EXPERIMENTAL PSYCHOLOGY Three hours
A laboratory course in the fundamentals of general psychology. A requirement
for psychology majors. 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, tachis-
toscope, aussage experiment, mirror experiment, sonometer, reaction time, and
reasoning problems. Prerequisite Psychology 49.

55. PSYCHOLOGY OF ADJUSTMENT Three hours first semester
Origins of behavior, modification of behavior, motivation and adjustment, variet-
ties of adaptive behavior, organic factors of personality, development of per-
sonality traits, guidance of readjustment, and the application of mental hygiene.

59. PSYCHOLOGY OF ABNORMAL PEOPLE Three hours
Causes of mental disorders, disturbances of sensation, perception and associa-
tion; delusions, abnormalities of memory, emotional disturbances, motor distur-
bances, intelligence abnormalities, suggestion, hypnosis, regression psychoneuroses,
compensation, episodic disorders, prophylactic measures and mental hygiene.

66. PERSONALITY AND ITS MEASUREMENT Two or three
Laboratory exercises and practical work in the different fields of personality,
designed to provide practical training in personnel work and counseling gen-
erally. Required for psychology majors.

69. 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 voca-
tional problems, Prerequisites: 21, 30, and 55 or 59. (Offered 1951-52 and alter-
nate years.)

77. PSYCHOLOGY OF RELIGION Two hours
For course description see Department of Bible and Christian Education.

90, 91. 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 on demand
A workshop in laboratory methods and techniques used in psychological guidance
programs. For majors only.

SOCIOLOGY
Dr. Schlauch Dr. Bibb
Mr. R. Wilson Dr. Munn

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. the Sociology Department offers a series of courses in leadership training in social group work, including actual practice in the leadership of boys' groups at various age levels. The Y. M. C. A. furnishes annually a number of $200 work scholarships for the students in charge of the 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, 53, and 82. 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:

<table>
<thead>
<tr>
<th>Sociology Courses</th>
<th>Psychology Courses</th>
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<tbody>
<tr>
<td>Soc. 11, Introduction to Sociology</td>
<td>Psych. 21, General Psychology</td>
</tr>
<tr>
<td>Soc. 12, Social Problems</td>
<td>Psych. 32, Developmental Psychology</td>
</tr>
<tr>
<td>Soc. 31, Cultural Anthropology</td>
<td>Psych. 55, Psychology of Adjustment</td>
</tr>
<tr>
<td>Soc. 49, Statistics</td>
<td>Psych. 59, Psychology of Abnormal People</td>
</tr>
<tr>
<td>Soc. 71, Principles of Social Work</td>
<td>Psych. 68, Theory of Counseling and Guidance</td>
</tr>
<tr>
<td>Soc. 72, Field Observation</td>
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</tr>
<tr>
<td>Biol. 20, Human Anatomy</td>
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<td>Biol. 21, Human Physiology</td>
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<td>Additional Courses Recommended for Social Work Students:</td>
<td>Home Ec. 54, Income Management</td>
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<td>Soc. 53, Marriage and the Family</td>
<td>History 31 and 32, American History</td>
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<td>Soc. 41, Social Psychology</td>
<td>Pol. Sci. 1 and 2, American Government</td>
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<td>Econ. 1 and 2, Principles of Economics</td>
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</table>

1. INTRODUCTION TO SOCIOLOGY

An introduction to the field of sociology, with special emphasis on the problems of the family and the community.

11. INTRODUCTION TO SOCIOLOGY

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 1953-54 and alternate years.)

35. YOUTH PROBLEMS
   Three hours first semester
   A study of the problems that face youth, and an approach to their solution. (Offered 1953-54 and alternate years.)

37. CRIMINOLOGY
   Three hours second semester
   A study of crime: nature and extent, causes, control; rehabilitation of the criminal. (Offered 1953-54 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.

49. FUNDAMENTALS OF STATISTICS
   Three hours second semester
   Statistical methods and their application to social problems, with emphasis on the use and interpretation of statistical data.

53. MARRIAGE AND THE FAMILY
   Three hours first semester

43-44. LEADERSHIP TRAINING FOR SOCIAL GROUP WORK (Men)
   Two hours first and second semester
   The psychology of the growing boy; principles of leadership; physiology, including first aid; physical education of youth, including techniques in sports and games; religious growth of the youth; history and purpose of the Y. M. C. A. (These courses, along with courses 59 and 60, are given in cooperation with the Spokane Y. M. C. A., for the purpose of providing training for young men in the fields described above, and of giving them experience, under professionally trained leaders, in group work.) Prerequisites for these courses will be: General Psychology, Developmental Psychology or Applied Psychology, and Introduction to Sociology. (It is strongly recommended that students planning to take the courses take also Youth Problems, Social Psychology, Personal Hygiene, Physical Education Techniques, and First Aid.)

59-60. SUPERVISED GROUP WORK (Men)
   Two hours first and second semester
   Students taking these courses will spend approximately six to eight hours per week organizing and directing clubs under the Boys' Division of the Y. M. C. A., and one hour per week of instruction and workshop practice under the leaders of the Y. M. C. A. (Prerequisite, courses 43 and 44.)

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 1952-53 and alternate years.)

62. URBAN SOCIOLOGY
   Two hours second semester
   A study of the growth of cities, and the problems of city life. (Offered 1952-53 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 in dictatorships. (Offered 1953-54 and alternate years.)

65. CONTEMPORARY SOCIAL MOVEMENTS
Two hours first semester
A study of the nature and origin of such social movements as socialism, communism, fascism, and social democracy. (Offered in 1953-54 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 of the roles and functions of social workers and administrators. (Offered 1952-53 and alternate years.)

72. FIELD OBSERVATION
Two hours second semester
Supervised fieldwork with social agencies. (Prerequisite, course 71. Offered 1952-53 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 1953-54 and alternate years.)

82. SOCIAL THEORY
Three hours second semester
A study of the contributions of sociological thinkers, from early times to the present. (Offered 1953-54 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

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GRADUATES 1951

BACHELOR OF ARTS DEGREE

Myrtle Jeanette Aeschliman, Colfax
Carol Gray Anderson, cum laude, Hayfork, California
Betty Louise Armstrong, cum laude, Coeur d'Alene, Idaho
Norma Marella Bantillo, Stockton, California
Lawrence A. Baskett, Seattle
Donald Roy Bauer, Spokane
Joan Stella Beckwith, Spokane
Keith Hilmer Bentson, Fresno, California
Robert Panter Bentson, Wasco, California
Shirley Swain Blair, Hayward, California
Wesley Clyde Blair, magna cum laude, Lynden
Robert Lee Bruce, cum laude, Santa Cruz, California
Lucy Naomi Cameron, Gennessee, Idaho
Sadie Webber Carman, Spokane
Robert Lee Carpenter, Portland, Oregon
Robert Mitchell Channess, San Rafael, California
Ronald Dean Clark, St. John
Richard Byron Cole, Montrose, California
Robert Andrew Cruzen, Spokane
Caroline Joyce Culver, Wapato
Dayton C. Cundiff, Spokane
Llewellyn Edgar Daniels, Vancouver
Granger Fay Davies, Concord, California
Robert Newman Davis, cum laude, Dallas, Texas
Louis Eugene DeGenner, cum laude, Los Angeles, California
William Richard Denton, Seattle
Jack Raymond Dewey, Redding, California
Geraldine Knobel Eccles, cum laude, Latah
John Rodney Eccles, Kittitas
Patricia Ann Flowers, cum laude, Monrovia, California
Howard Wesley Froman, Deer Park
Eugene Lowell Elias, Spokane
John Kenneth Gamble, Merced, California
Robert Dean Gammell, Spokane
Ernest B. Gentile, San Jose, California
Shirley Ann Gilson, cum laude, Richland
Edgar Carl Gjelvik, Spokane
Dorothy Arlene Gray, Moses Lake
Paul Harmon Gray, Moses Lake
Richard Chauncey Guthrie, Bonners Ferry, Idaho
Richard Thomas Hardesty, Spokane
William Edward Hall, Spangle
Donald Duane Halverson, Spokane
Nita Lee Haye, Rathdrum, Idaho
Donald Melvin Hayes, cum laude, Metaline
Lloyd Austin Henderson, Berkeley, California
Joyce Marie Henricksen, Spokane
Alfonse Harold Hill, Spokane
Doris Jane Hill, Malaga
James Barr Hubbell, Glendale, California
Randall B. Hucks, Santa Monica, California
Harold Stanford Hughes, Spokane
Rosemary Alice Hutchinson, Spokane
Helen Hone Ingalls, cum laude, Bellingham
Donn Gerard Jann, Duluth, Minnesota
Mark Alden Jennings, Turlock, California
Dwight Phillip Johnson, cum laude, Tacoma
Lyman V. Kinard, Spokane
Shirley Bosworth Kirkendorfer, cum laude, Seattle
Glen Alred Kirsch, San Gabriel, California
John Andrew Klebe, Seattle
John Glen Law, Spokane
Ronald LeRoy Lentes, Spokane
James Preston Levell, cum laude, Kelso
Geraldine Tweedy Lewis, cum laude, South Gate, California
Ralph Spencer Lewis, Jr., San Pedro, California
Gordon Eugene Lofgren, Spokane
Patty LaVern Love, Omak
Marvin Blythe McLean, Spokane
Beverly Jean McMorran, Berkeley, California
Thomas William McNeil, cum laude, Santa Cruz, California
Andrew Russ Louis Mercury, Spokane
Francis Joseph Meyers, Spokane
Betty Burdin Mitchell, cum laude, Walla Walla
Maurice Milton Moen, Colbert
Wallace Hugh Moore, Omak
Roy R. Myers, Jr., Spokane
Robert Wallace Notson, Tonasket
Paul Alan Overholt, Chino, California
James Franklin Patten, Glendale, California
Geoffrey William Peasland, Mexico, D. F.
Robert David Peck, cum laude, Marlin
Earl Bright Plankenhorn, Los Angeles, California
Carmen Kathleen Poole, cum laude, Spokane
Harvey Lee Polley, Wapato
Clarence Reed Pratt, Spokane
Richard Walker Reames, Spokane  
Stanley Joseph Roberts, Visalia, California  
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Robert Edison Ryland, Stockton, California  
Kenneth Donald Schauble, St. John  
John Preston Scotford, Omak  
Kenneth William Schermer, Opportunity  
Clarence Henry Schierman, cum laude, Spokane  
Robert Lee Schineh, Spokane  
Lewis Holland Saint John, Okanogan  
Charles Philip Schiller, San Rafael, California  
Betty Louise Schneidmiller, Cheyenne, Wyoming  
Wilson Albert Sheets, Spokane  
Robert Edson Shreve, Kelso  
Marvin Dwight Smith, Spokane  
Robert Floyd Smith, Spokane  
Melvin F. Stephens, Colbert  
Raymond Leon Stone, Spokane  

BACHELOR OF SCIENCE DEGREE

Mary Beth Anslow, Seattle  
Carolyn Hope Ainline, Woodlake, California  
Charles Howard Ainline, Jr., Woodlake, California  
Frances Helen Anderson, Duluth, Minnesota  
Mary Yeoland Bogren, Spokane  
Ruth Katheryn Conrad, Spokane  
Marilyn Phyllis Cordell, Lakeport, California  
Shirley Ademarie Day, Spokane  
Martin Bernard Faber, Oak Harbor  
Elvira B. Garcia, Rances of Taos, New Mexico  
Cleo Peggy Gazette, Spokane  
Frances Anne Gwiazda, Spokane  
Alice Hartwell Jann, Duluth, Minnesota  
Nancy Carol Johnson, Tacoma  
Thomas J. Keenan, Spokane  
Joan Elizabeth Leavers, Wenatchee  
Walter H. Lindgren, Spokane  
Vera May Longbottom, Okanogan  
Gloria Stokes Murphy, Spokane  
Jean Margaret Paeth, magna cum laude, Vancouver  

BACHELOR OF EDUCATION DEGREE

Donald Nils Anderson, B. S., Spokane  
Olga Wilhelmina Anderson, B. A., Spokane  
Dorothea Ann Bartels, B. S., Berwyn, Illinois  
Delbert Earl Blumhagen, B. S., Spokane  
Charles Clyde Bovee, B. A., Clinton  
Charles Willard Boyer, B. S., Rochester, Minnesota  
George Calvin Bricka, B. A., Spokane  

Walter Phillip Strawn, cum laude, Spokane  
Muriel Elizabeth Stover, Coulee Dam  
Arthur Eldridge Symons, Jr., Seattle  
Leigh Pemberton Taylor, Santa Paula, California  
Walter Earl Thomas, Spokane  
Joseph Matthew Thome, Jr., Yakima  
George Albert Till, cum laude, Spokane  
Kenneth Ray Turnquist, Monterey Park, California  
Richard Donald Walker, Spokane  
Edward Miles Warren, Spokane  
Kenneth Rees Warren, Spokane  
James Stuart Waugh, Spokane  
Ernest Raymond Wiley, cum laude, Spokane  
Donald Lawrence Wilson, Wapato  
Ruth Elizabeth Wimpy, Nezperce, Idaho  
Frederick Harvey Windham, Spokane  
Alice Bernice Woodhead, Concord, California  
David Victor Yeaworth, Cincinnati, Ohio  

Park Hi Yang (Paul Harry Parker) Seoul, Korea  
Paul Richardson Pearson, Seattle  
James Algert Peterson, Spokane  
Colleen Griffiths Pock, cum laude, Omak  
Margaret Rose Porter, Spokane  
Delbert Seymour Purdy, Springfield, Idaho  
Ray Lee Richards, LaCrescenta, California  
Robert Franklin Salter, Decatur, Georgia  
Henry Delbert Schalock, Chewelah  
Lois Shirley Mason Scott, Spokane  
Barbara Joy Setters, Winona  
Sylvia June Setters, Winona  
Charles Anthony Steiger, Spokane  
David Emanuel Stern, Colbert  
Willoughby Augustus Van Camp, Spokane  
John Worthington Whipple, Spokane  
Orrin Wells Dana, Spokane  
George Lowell Ellis, Spokane  

William Ellsworth Campbell, B. A., Kennewick  
Hezekiah T. Clark, B. S., Cashmere  
Marjory Ellen Collord, B. A., Spokane  
Velma Belle Cundiff, B. A. Spokane  
Walter Robert Dawson, B. A., Seattle  
Alverado Norman Decker, B. A., Spokane  
D'Arcy DeJuan, B. A., Spokane  
Burton Baxter Durham, B. S., Lynwood, California
GRADUATES

Herbert Glen Ellison, B. A., Los Angeles, California
Martin Bernard Faber, B. S., Oak Harbor
Margaret Skeels Forkner, B. S., Spokane
Vernon LeRoy Forkner, B. A., Spokane
Robert Eugene Farley, B. S., Spokane
Betty Elnora Follett, B. A., Loon Lake
Dorothy Arlene Gray, B. A., Moses Lake
James Willard Hardie, B. A., Galveston, Texas
Dec Albert Hawes, B. S., Spokane
Harold Stanford Hughes, B. A., Spokane
Rosemary Alice Hutchinson, B. A., Spokane
Lawrence Howard Kellmer, Jr., Kansas City, Missouri
Lester Ray Kirkendorfer, B. A., Spokane
Marjorie Mae Klein, B. A., Edwall
John Glen Law, B. A., Spokane
Ralph Spencer Lewis, Jr., B. A., San Pedro, California
Herschel Dille Lindsey, B. A., Spokane
Frances Mae Lancaster McInturff, B. A., Spokane

Esther Sylvia Melrose, B. A., Los Angeles, California
Hilda May Milam, B. A., Ione
Kenneth LeRoy Moen, B. A., Spirit Lake, Idaho
Patricia Janzen Mohr, B. A., Spokane
William Raymond Morby, B. A., Millwood
Bernard Eugene Park, B. A., Spokane
Richard Vernon Peters, B. A., Spokane
John Alden Peterson, B. S., Clarkston
Clayde Olin Pock, B. S., Omak
Jack Ebert Ramsey, B. A., Spokane
Amber Oaks Smith, B. S., Okanogan
Donna Bell Spalding, B. S., Vashon
James Arthur Spiger, B. A., Spokane
Raymond Leon Stone, B. A., Spokane
Georgene Rose Summerson, B. A., Spokane
Vern Jack Tucker, B. S., Spokane
Elizabeth Summerson Turner, B. A., Spokane
Laurence Elmer Weyrick, B. S., Yakima

MASTER OF EDUCATION DEGREE

Russell Eugene Hanson, B. A., Oakland, California

Wilford Harold Reidt, B. A.; B. Ed., Spokane

DOCTOR OF DIVINITY DEGREE

The Reverend C. Walter Johnson, Missionary, Tacoma Indian Hospital.
The Reverend George McCleave, Field Director Seattle Presbytery.
The Reverend Norman W. Taylor, Secretary for Evangelism in Latin America for the Board of Foreign Missions of the Presbyterian Church, U.S.A., Monterey, N. L. Mexico.
The Reverend Ralph Turnbull, Professor of Homiletics at Western Theological Seminary, Holland, Michigan.
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Past President—Dr. Lester Hussey.................................................W. 2919 Monticello Place, Spokane
Vice Presidents:
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Bay Area Club—Ben Fairchild, 33 Richmond Road, San Anselmo, California.
Midwest Club—Dr. Bob Brault, 6617 Ingleside, Chicago 37, Illinois.
Puget Sound Club—Elouise Harter, 3612 Spokane Street, Seattle 44.
Southern California Club—Barbara Stout, 9220 Chaney Ave.,
Spokane Club—Alice Postell, 11205 East Boone, Opportunity.
Tri-City Club—Willa Jean Lage, Dorm W-2, Rm. 112, Hanford Works,
Executive Secretary—Dick Hardesty, 422 W. Dalton, Spokane.
Secretary—Mrs. Mel Unruh, 5402 N. Monroe, Spokane.
Treasurer—Ward Fancher, W. 121 23rd, Spokane.
Representative to the Board of Trustees—Werner Rosenquist,
Representative to the Athletic Board—Mel Unruh, 5402 N. Monroe, Spokane.
Publicity—John Koehler, Country Homes, Spokane.

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grown to be a large and important organization of the College.
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First Vice President.................................................................Mrs. Frank F. Warren
Second Vice President.................................................................Mrs. E. Roy Van Leuven
Secretary.................................................................Mrs. H. C. Cardle
Treasurer.................................................................Mrs. F. L. Graybill
Financial Secretary.................................................................Mrs. W. D. Brassard
Membership.................................................................Mrs. Charles Toppin
Memorial.................................................................Mrs. Olive Miller
Publicity.................................................................Mrs. Stanley Genest
Program.................................................................Mrs. Frank Warren
Telephone.................................................................Mrs. Robert Skeels and Mrs. A. F. Christensen
Ways and Means.................................................................Mrs. Grant Dixon
Members at Large—Mrs. Ernest Baldwin, Mrs. Florence Forth, Mrs. F. E. Fogelquist,
Mrs. Archie Palmquist
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