

8-1928

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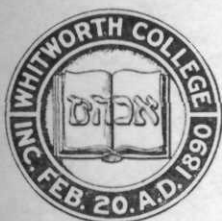
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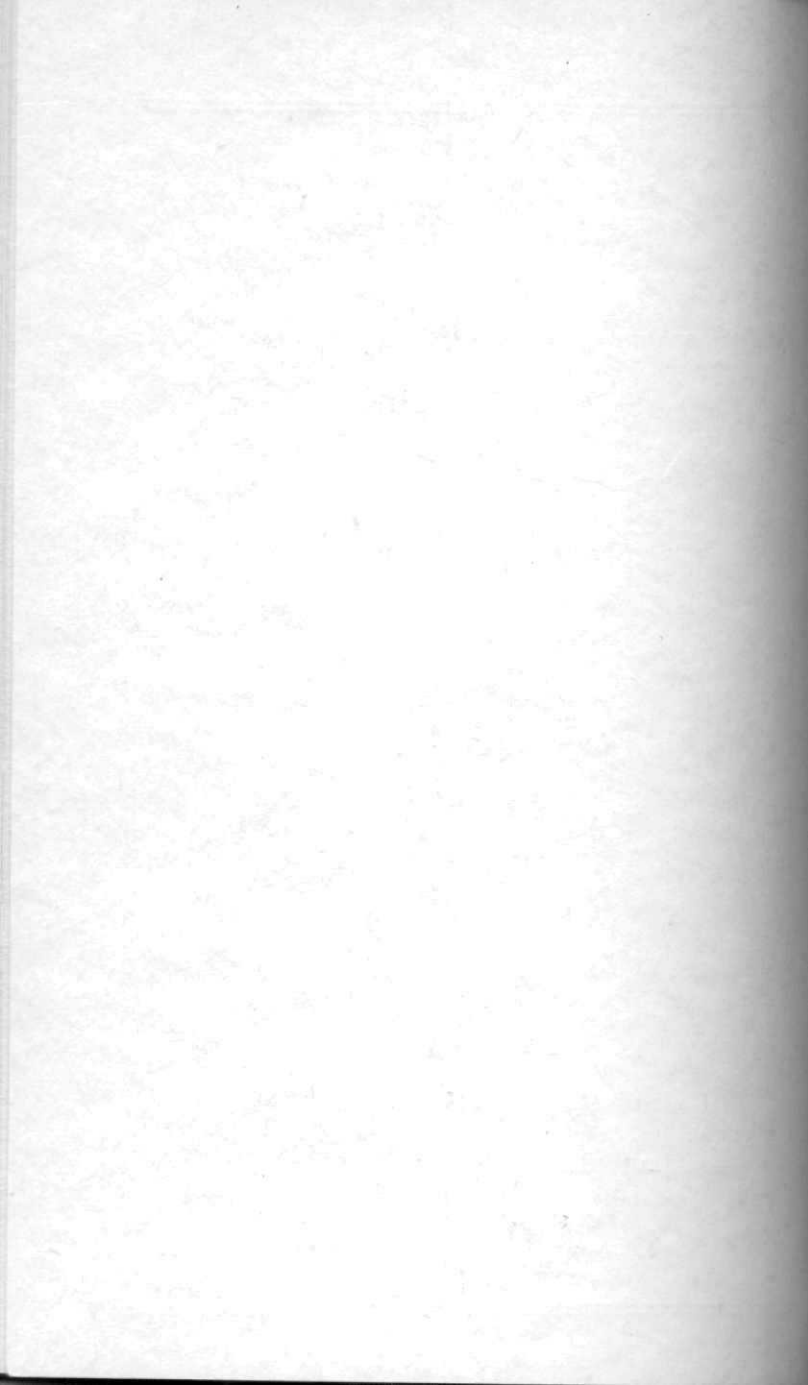
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BULLETIN  
*of*  
WHITWORTH COLLEGE  
Spokane, Washington

A COLLEGE OF  
LIBERAL ARTS AND SCIENCES

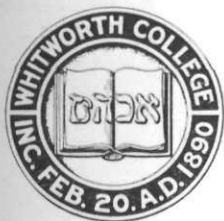


*An Accredited Institution*  
Announcements for 1928-29  
AUGUST, 1928



BULLETIN  
*of*  
WHITWORTH COLLEGE  
Spokane, Washington

A COLLEGE OF  
LIBERAL ARTS AND SCIENCES



*An Accredited Institution*

Announcements for 1928-29

AUGUST, 1928

*“Study to show thyself approved unto God, a workman that needeth not to be ashamed, rightly dividing the word of truth.”*



McMILLAN HALL



BALLARD HALL



PART OF ATHLETIC FIELD

# THE COLLEGE YEAR

The college year consists of thirty-six weeks divided into two semesters of two terms each. Tuition, fees, and room and board are payable on or before the first day of each term. No scholastic credit is given for less than a semester's work.

## CALENDAR FOR 1928-29

### First Semester

September	
24 and 25 .....	Registration
25, Tuesday .....	First term begins
25, Tuesday, 10:30 a. m. ....	Convocation in Chapel
26, Wednesday, 8 a. m. ....	Class work begins
November	
23, Friday, 3:50 p. m. ....	First term ends
26, Monday, 8:00 a. m. ....	Second term begins
28, Wednesday 3:50 p. m. to 8:00 a. m., Monday, Dec. 1 .....	Thanksgiving recess
December	
10, Monday, 7:30 p. m. ....	Debate try-outs
21, Friday, 3:50 p. m. ....	Christmas recess begins
January	
2, Wednesday, 8:00 a. m. ....	Class work resumed
7, Monday, 7:30 p. m. ....	Recitation and oratory try- outs
28, to February 1 .....	First semester examina- tions

### Second Semester

February	
5, Tuesday, 8 a. m. ....	Third term begins
22, Friday, Washington's Birthday	No classes
March	
28, Thursday, 3:50 p. m. to 8 a. m., Monday, April 1 .....	Easter recess
April	
5, Friday, 3:50 p. m. ....	Third term ends
8, Monday, 8 a. m. ....	Fourth term begins
12, Friday, 11 a. m. ....	Senior investiture
May	
1, Wednesday .....	Last day for submitting Ballard contest orations
15, Wednesday .....	Last day for submitting senior theses
30, Memorial Day .....	No classes
June	
2, Sunday .....	Baccalaureate service
7, Friday .....	Commencement

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## NEED FOR CHRISTIAN EDUCATION

The eminent student of economics and statistics, Roger Babson, gives it as his judgment that "the need of the hour is not more factories or materials, not more railroads or steamships, not more armies or more navies, but rather more education based on the plain teaching of Jesus. We are willing to give our property, and even our lives, when our country calls in time of war, yet the call of Christian education is of even greater importance than was ever the call of army or navy. I say this because we shall probably never live to see America attacked from without, but we may at any time see our best institutions attacked from within. I am not offering Christian education as a protector of property, because nearly all the progressive and liberal movements of history have been born in the hearts of Christian educators. I do, however, insist that the safety of our sons and daughters, as they go on the streets this very night, is due to the influence of the preachers rather than the influence of the policemen and lawmakers. Yes, the safety of the nation, including all groups, depends on Christian education."—From "Education by Contact" by Frederick E. Stockwell, D. D.

### SYNOD FINANCE COMMITTEE

Rev. Mark A. Matthews, D. D., Chairman.....	Seattle
Rev. Frank E. Beatty, D. D. ....	Wenatchee
Rev. David W. Ferry, D. D. ....	Yakima
Rev. Frank C. McKean, D. D. ....	Spokane
Rev. Clarence W. Weyer, D. D. ....	Tacoma
William L. McEachran .....	Spokane
E. N. Brooks .....	Seattle
E. T. Mathes .....	Bellingham
D. C. Reid .....	Yakima

## BOARD OF TRUSTEES OF WHITWORTH COLLEGE

### Class of 1929

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

### Class of 1930

Rev. Mark A. Matthews, D. D. ....	Seattle
William S. Dudley .....	Yakima
E. A. Lindsley .....	Spokane
Rev. Frank C. McKean, D. D. ....	Spokane
John A. Houston .....	Spokane
Henry M. Hart .....	Spokane
F. D. Cartwright .....	Anacortes
E. N. Brooks .....	Seattle

### Class of 1931

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

### EXECUTIVE COMMITTEE

William L. McEachran, Chairman .....	Spokane
R. E. Porterfield, Secretary-Treasurer .....	Spokane
Jay P. Graves .....	Spokane
E. A. Lindsley .....	Spokane
John A. Houston .....	Spokane
Rev. Frank Chalmers McKean, D. D. ....	Spokane
Albert K. Arend .....	Spokane
Henry M. Hart .....	Spokane
Frank R. Fursey, M. D. ....	Spokane

# FACULTY

---

ORRIN EDWARD TIFFANY, A. M., Ph. D.

Acting President

Professor of History and Political Science

A. B., A. M., Ph. D., University of Michigan

Member Phi Beta Kappa

WALTER HENRY BUXTON, A. M.

Professor of Mathematics

A. B., University of Nebraska; A. M., University of Oregon

REV. CHARLES WHERRY HAYS, A. M., D. D.

Professor of Classical Languages

A. B., A. M., D. D., Washington and Jefferson

ALICE MORRISON, A. M.

Dean of Women

Professor of Education

B. S., Amity College; A. M., University of Washington

HERBERT LEIGH HUSSONG, A. M.

Professor of Economics and Sociology

B. Ped., Fremont Normal; A. B., Fremont College;

A. M., University of Oregon

Graduate work Universities of California and Washington

**PAUL ATWOOD HARVEY, M. S.**

Professor of Biology and Chemistry

B. S., Oregon Agricultural College; M. S., University of Minnesota  
Teaching Fellow, University of Wisconsin  
Austin Teaching Fellow, Harvard University

**KATHRINE MACDONALD TIFFANY, A. M.**

Registrar

Professor of English

Diploma, Mayville State Normal School  
A. B. A. M. University of North Dakota  
Graduate work Universities of Chicago, Harvard, and Washington

**REV. JAMES WILLARD COUNTERMINE, A.M., D.D.**

Professor of Bible and Religious Education

A. B., A. M., Parsons College; M. Th., Princeton  
D. D., Buena Vista College  
Graduate work Universities of Princeton and Hawaii

**WALTER HENRY BUXTON A. M.**

Assistant Professor of Modern Languages

**LYLE WILLIAM MOORE, B. S.**

Voice and Theory of Music

Diploma in Voice and Public School Music, Eureka College  
B. S., Eureka College  
Student, G. W. Gunn, R. B. Delphung, and Arthur Kraft

**GERTRUDE F. MATHER**

Violin, Orchestra, and Orchestral Instruments

Student, Charles Heydler, Cleveland Oberlin Conservatory; and  
of Adolph Weidig, American Conservatory in Chicago  
In charge of violin and orchestra work, Cornell College and  
Morningside College, Iowa; and in High Schools, Seattle

LYLE WILLIAM MOORE, B. S.

Physical Education and Coach

MARGARET WEYER COUNTERMINE

Hostess

Instructor in Spanish

Graduate of Iowa State Teachers College

One year White Bible Seminary

---

Piano

ELIZABETH MITCHELL, B. S.

Secretarial Work

B. S., Tarkio College

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Librarian

ELMER WHIPPLE

Custodian of Buildings and Grounds

## FOREWORD

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A strong demand for private and Christian institutions of learning still persists despite the fact of the increasing support and patronage of state institutions. In the East the privately endowed institutions receive the majority of students attending colleges or universities. With the increase of wealth in the West the Christian colleges will be adequately endowed and the number of students attending them will constantly increase. Whitworth College will be no exception to this condition. It is meeting a real need, not only of the Presbyterians of the Washington Synod, but also of other denominations where along with the regular secular training required by the state there is added that religious training essential to the best citizenship. There is also an increasing desire on the part of Christian people of the State of Washington for an educational training of their young people that will strengthen them in the Christian faith.

Many thinking people believe that the right kind of environment and the right kind of associations are all important in the formation of the habits that determine Christian culture and living. They believe that the right environment and associations for Christian culture are found only in those institutions that hold firmly to the fundamental doctrines of the Christian faith. Whitworth College is preparing to meet this increasing demand on the part of the Christian people of the state.

Whitworth College is a Christian college on a Presbyterian foundation. It began as an Academy in

Sumner, Washington in 1884; it became a college in 1890. The College was removed to Tacoma in 1900 and to its present location in 1913. It is accredited by the State Board of Education.

## TO REACH THE COLLEGE

Whitworth College is situated north of the city limits on the Colville Highway. Arrangements have been made with the Auto Interurban Company for transportation of students on school days, on the bus leaving the Bus Terminal on Trent Avenue near the depots at 7:25 a. m. The bus leaves the College at 4 p. m. for the city. The company runs a fine line of busses by the College from their Terminal, making three trips as follows: at 8:10 a. m., 1:40 p. m., and 5:30 p. m. The busses go by toward the city at 10:40 a. m., 2:15 p. m., and 6:40 p. m.

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

## CAMPUS AND BUILDINGS

The College has a forty-acre pine-clad campus, surrounded by one hundred and fifty acres of beautiful, rolling natural forest, owned by the institution. The buildings consist of McMillan Hall and Murray Memorial Chapel, Ballard Hall, the gymnasium, the president's house, and two professors' cottages. The College has a library of nine thousand volumes. Chemistry, physics, biology, and home economics laboratories, adequate to meet the needs of the institution, are

maintained. The administration offices are now in Ballard Hall.

## ENDOWMENT

Besides the income from tuitions and fees Whitworth has a small productive endowment. A campaign has been under way for some time for the purpose of securing an adequate endowment. In the initial campaign the city of Spokane subscribed \$91,000, a portion of which has been paid in, and the balance is being paid according to the terms of the subscriptions. Likewise, the Synod of Washington has been making contributions from year to year for the support of the College. The Synod, which met at Everett in July, 1927, voted unanimously to back Whitworth permanently, both in buildings and for maintenance. Likewise, the General Presbyterian Board of Education is contributing \$5,000 per year to Whitworth College. The Board of Trustees has voted a budget of \$40,000 to meet the needs of Whitworth for the coming year.

## COLLEGE EXPENSES

### I

The College year is divided into semesters of eighteen weeks each. For business purposes only, each semester is divided into two quarters of nine weeks each. **All bills are payable in advance at the opening of each quarter.** A student entering any time during the first month of the quarter will be charged tuition and fees for the whole quarter. Students withdrawing during a quarter will be given a refund of *four-fifths of the balance of the quarter not attended*, except that a fraction of a week will be charged for as a week. No reduction on board will be given for



absences of less than one week. After the first week a reduction of \$4.50 a week will be made on board.

## II

Tuition, per quarter of 9 weeks .....	\$30.00
Room and Board, per quarter of 9 weeks .....	63.00
Library fee, per quarter .....	1.00
Associated Students' fee, per quarter .....	2.00
Extra charges:	
Laboratory fees in chemistry, physics, biology, or home economics, per quarter, each .....	2.50
Students carrying more than 17 hours in excess thereof per hour per quarter .....	2.50
Students carrying less than 12 hours will pay per hour per quarter .....	2.50
Typing, per quarter .....	2.50
Special Examinations, each .....	1.00
Glee Club, per quarter .....	1.00
Orchestra, per quarter .....	1.00
Private lessons in Voice, Piano, or Violin, per quarter .....	\$10.00 to 20.00
Books, estimated, per semester .....	\$10 to 20.00
College Diploma .....	10.00
Late registration fee, after opening day of a semester .....	1.00
Rooms are usually occupied by two students: a student occupying a room alone will be charged extra per quarter .....	2.00
Rooms may be rented by from two to five students per room, by day students for study purposes only, per quarter .....	10.00

The Associated Students' Fund is used for athletics, debates, Christian service work, student publications, oratorical contests, etc., on vote of the student representatives, subject to the approval of the dean of the college or a faculty committee.

### III

Room only, per week .....	\$2.50
Board only, per week .....	5.50
Single meals, breakfast or lunch .....	.30
Dinner .....	.50

### IV

A discount of one-third of the tuition will be given to sons and daughters of clergymen of any denomination engaged in regular work. This does not apply to tuition in music.

On school days students whose homes are in Spokane will be transported to and from the college for a minimum charge of one dollar a month by an auto-interurban bus, which leaves the Trent Avenue depot at 7:30 a. m. and Whitworth at 3:50 p. m.

#### Summary of Expenses per Year:

	Minimum	Maximum
Tuition .....	\$120.00	\$120.00
Fees .....	12.00	22.00
Books, estimated .....	10.00	20.00
Bus fare, town students .....		9.00
	<hr/>	<hr/>
	\$142.00	\$171.00
Board and room .....	252.00	252.00
	<hr/>	<hr/>
	\$394.00	\$423.00

Lessons in music extra

Personal expenses extra

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

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

## VII

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

Dormitory students are expected to provide:

1. Three table napkins.
2. A napkin ring.
3. Three sheets, approximately 11½ by 21½ yards.
4. Two pillow-slips, a bedspread, and a pillow.
5. The necessary blankets, comforters, towels, bureau covers, curtains, rugs, and individual drinking cup.

Some laundry may be done in both dormitories by the students, subject to the dormitory regulations.

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

## SELF SUPPORT

No capable young man or woman in good health, who is determined to secure a college education, need fail in the attempt. Opportunities for work in town occur chiefly in domestic and office assistance, personal service of various kinds, canvassing, clerking and manual labor. The college employs a limited amount of help; and any money earned for services rendered the College during the first, second, or third quarters will be allowed on the bills of the second, third or fourth quarters. **The student should be prepared to pay in full all fees including room and board, and books, for**

the first quarter—about \$120.00 in all, for dormitory students. In the case of students who are wholly self-supporting the College reserves the right to limit the number of hours carried to one hour less of class work for each three hours per day of outside work.

## SCHOLARSHIPS AND PRIZES

A limited number of scholarships are available under certain conditions of scholarship and Christian character.

Beginning with the year 1913, the "W. R. Ballard Oratorical Contest" was established with the first, second, and third prizes of \$30, \$20, and \$10, respectively. This is made possible by the generous provision of Captain W. R. Ballard of Seattle.

Through the generosity of the Rev. and Mrs. Hedley A. Vicker, a loan fund has been established from which students may make provisional short-time loans.

## STUDENT ORGANIZATIONS AND ACTIVITIES

1. The Students' Association is the general organization of the student body. Voting members are those who have paid all their fees for the quarter. 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. The president and the vice-president of this association are chosen annually from the two upper classes of the College.

2. The Volunteer Fellowship includes those students whose present purpose is to prepare for full-time Christian service.

3. The Gospel teams are composed of students who do Sunday deputation work, holding meetings in

various churches, teaching in Sunday Schools, helping in the organizing of young people's societies for churches, and doing other Christian work off the college grounds.

4. The Whitworth Glee Club is a musical organization composed of both men and women.

5. The Whitworth orchestra is also a musical organization composed of both men and women.

6. The French Club is composed of people who are especially interested in using the French language in conversation and who wish to combine this with social functions.

7. The Classical Club is composed of students majoring in Greek and Latin. They occasionally present interesting public programs.

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

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

10. The Women's Athletic Association is an organization of the young women of the college who are interested in hiking, indoor baseball, basketball, volley ball, and tennis. This is carried on in conjunction with the work outlined and supervised by the director of physical education.

11. The College is a member of the Columbia Valley Inter-Collegiate Conference and is conducting its athletics under the eligibility rules of that organization. Each student to be eligible to an athletic team, or to any extra-curricular activity, must carry twelve hours of work and his grade points must equal his

semester hours. All college athletics are under the supervision of an athletic director and a committee on athletics.

12. The Whitworth Honor Club is composed of students who rank high in scholarship, character, dependability, and general helpfulness to the institution. Before being eligible for consideration for this club, a student must have made scholastic honors for at least three semesters. If in the judgment of the faculty the student meets the other qualifications, he is given the Honor W pin as a badge of membership.

Owing to the limited number of students and the advisability of offering equal social opportunities to all, Whitworth has decided to exclude fraternities and sororities for the present.

## RELIGIOUS LIFE

Religious life at Whitworth College is inspirational and helpful. The Bible is one of the text books of the institution and every student includes certain Bible courses in his requirements for graduation. Each day a brief Chapel is held which every student attends. Many prominent speakers were secured to give addresses at the college during the year.

All students are expected to attend two church services each Sunday, one of which should be a regular preaching service. Whitworth community supports a Sunday School service in the Chapel of the College and students are cordially invited to attend. The students conduct a Wednesday evening prayer meeting. A Christian Endeavor meeting is held in the College Chapel Sunday evenings. All dormitory and nearby resident students are expected to attend unless attending church elsewhere.

## SOCIAL LIFE

There are many enjoyable recreational and social events scattered throughout the year, such as: student mixers, faculty receptions, the all-college trip to Mount Spokane, the Hallowe'en party, the Christmas party, the Colonial party, and the girls' April frolic, besides various class functions and other social events and entertainments. Most Friday evenings are reserved for social functions. The life of the students in the dormitories is particularly friendly and wholesome.

## TO NEW STUDENTS

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

## ADMINISTRATION

College regulations are for the purpose of co-ordinating the life of the students in such a way as to insure scholastic efficiency and wholesome and enjoyable community life. The care which a college throws around its students is an index of its cultural status.

The interest and co-operation of the student himself is enlisted in every way possible in support of the ideals of the institution. Conduct which marks

and distinguishes the cultured man or woman, together with a proper reverence for the Christian ideals of the College, is expected of every student.

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

Mixed dancing, the use of playing cards, gambling, and smoking are not allowed on the campus.

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

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

## GRADES AND POINTS

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

Points: A counts 3; B, 2; C, 1; D, 0; W, 0; I, 0; and F, —1.

An "Incomplete," if made up within the following semester of residence, will receive the number of grade points corresponding to the final grade given. If not made up within that semester, it becomes an "F." A "W" will be granted to a student who withdraws from class, providing he is making a passing grade in that subject at the time of his withdrawal and has written permission from the instructor and the dean of the college. Otherwise he will be marked "F" in the subject.



## ATTENDANCE

Each unexcused absence from a class will result in a reduction of three points in the semester grade in that particular subject. Each excused absence will result in a reduction of one point in the semester grade.

Three tardy marks will result in a reduction of one point in the semester grade.

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

Students receiving excuse slips will present them to their respective instructors on their return to class.

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

## SCHOLARSHIP AND REPORTS

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

## HONORS

Four classes of honors are recognized at Whitworth College.

1. Term and semester honors: Granted to students carrying sixteen semester hours of work and

making thirty-three grade points. Students carrying more than sixteen semester hours must make two additional points for each additional semester hour, in order to win honors. Perfect chapel attendance adds one grade point for the semester.

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

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

4. Graduation honors: A student will be graduated **cum laude** if he has won 255 to 299 grade points; **magna cum laude** if he has won 300 to 359 grade points; and **summa cum laude** if he has won 360 or more grade points. To win graduating honors a student must have been in residence at Whitworth three of his four college years. The required points are based on 128 semester credit hours for graduation.

## ADMISSION REQUIREMENTS

Graduates of accredited high schools are admitted to Freshman standing in the college without examination. Other credentials will be considered on their merits. Students who are found deficient in studies regarded as basic to the degree they desire to elect must remove such deficiency by the method suggested by the dean of the College.

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

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

The following subjects are the usual requirements for entrance to colleges of the Northwest Association, and the same is required for entrance to Whitworth:

- |    |   |   |         |
|----|---|---|---------|
| 1. | Three years of English .....  | 6 | credits |
| 2. | Two years of Mathematics  |   |         |
|    | Algebra .....   | 2 | “       |
|    | Plane Geometry .....  | 2 | “       |
| 3. | Two years of Foreign Language.....  | 4 | “       |
| 4. | One year in American History and<br>Government .....  | 2 | “       |
| 5. | One year in a laboratory science .....  | 2 | “       |
| 6. | Twelve additional credits from subjects accepted by an accredited high school. Not more than eight credits may be offered from vocational subjects. |   |         |

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

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

## REQUIREMENTS FOR GRADUATION

The College year is divided into two semesters of eighteen weeks each. A semester hour consists of one hour per week of lecture or recitation pursued for

a semester. Two hours of laboratory work is equivalent in credit to one hour of lecture or recitation. One hour of lecture or recitation pre-supposes at least **two** hours of preparation on the part of the student.

Seventeen hours is the usual load carried in the collegiate department. Without special action of the faculty a student may not carry more than seventeen hours of college work, except in case of honor students, who may carry nineteen hours.

In order to graduate a student must earn at least 128 semester hours of college credit, and he is also required to earn an equal number of grade points.

### SPECIAL REQUIREMENTS

The following courses are required of all students who expect to receive a collegiate degree.

English 1 and 2 required in the

Freshman year .....	6	hours
Public Speaking 1 and 2 .....	4	"
Laboratory Science (Chemistry, Biology, or Physics) .....	8	"
History 1, 2, and 58 .....	7	"
Ancient or Foreign Language (French, German, Spanish, Latin, Greek) ....	6	"
Bible .....	12	"
Philosophy 1 and 6 .....	5	"
Evidences of Christianity .....	2	"
Education 1 and 2 .....	2	"
Physical Education .....	4	"
Upper division courses, at least .....	40	"

### Majors

The student must elect a major study and complete not less than twenty-four nor more than thirty-five hours in this subject. The work in this study

will be under the direction of the head of the department in which the study is taken. Majors in the following subjects lead to the degree of A. B.: Bible, Classical Languages, Economics, Education, English, History, and Modern Languages. Majors in the following subjects lead to the degree of B. S.: Biology, Chemistry, Home Economics, and Mathematics.

### **Minors**

The student must elect a minor study which is to be approved by the head of the department in which the major is taken. A minor consists of not less than sixteen hours.

### **Electives**

Students preparing for any degree may select their electives from the following subjects: Astronomy, Bible, Biology, Chemistry, Christian Service Courses, Economics, Education, English, French, Geology, German, Greek, History, Home Economics, Latin, Mathematics, Music, Political Science, Philosophy, Physical Education, Physics, Secretarial Courses, Sociology, and Spanish.

Electives should be confined to the year in which a student is classified or to the year below his classification.

### **Foreign Language**

Students entering College without any foreign language (Latin, Greek, French, German, or an equivalent in language) are required to take three years of foreign language in college. Students entering with two years of foreign language in high school will be required to take two years of foreign language in college. Students who have had three or four years of foreign language in high school will be required to

take but one year of foreign language in college. Candidates for a degree must have a reading knowledge of French, German, Greek, or Latin. Students may take two years in two languages, or three years in one language and one year in another language, to meet the foreign language requirements of high school and college. A reading knowledge of a language requires from two to three years of study.

### CLASSIFICATION

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

Freshman to Sophomore .....	30 hours
Sophomore to Junior .....	60 hours
Junior to Senior .....	90 hours

### DEGREES GRANTED

The degrees of Bachelor of Arts and Bachelor of Science are granted, according to the courses pursued.

## MAJOR OUTLINES OF COURSES

The following eleven outlines are suggestive of the arrangements of courses that will meet the general, special, and major requirements for graduation. They will in most cases meet the requirements of universities for graduate or professional degrees.

New students may select any one of the eleven courses with the privilege of making such modifications from time to time as may be approved by the dean of the College.

# BIBLE AND CHRISTIAN EDUCATION

## Major for Bachelor of Arts

First Semester	Hours	Second Semester	Hours
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### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Education 1 .....	1	Education 2 .....	1
English 1 .....	3	English 2 .....	3
Foreign Language .....	4	Foreign Language .....	4
History 1 .....	3	History 2 .....	3
Laboratory Science ...	4	Laboratory Science ...	4

### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
Foreign Language .....	3	Foreign Language .....	3
General Psychology ...	3	Public Speaking 2 .....	2
Public Speaking 1 .....	2	Sociology 2 .....	3
Sociology 1 .....	3	Electives .....	7
Electives .....	4		

### Junior Year

Bible 51 .....	2	Bible 56 .....	2
Bible (elective) .....	4	Bible (elective) .....	4
Economics 3 .....	3	Economics 4 .....	3
Electives .....	8	Electives .....	8

### Senior Year

Bible 55 .....	2	Bible 58 .....	2
Bible (elective) .....	4	Bible (elective) .....	2
History 58 .....	1	Philosophy 52 .....	2
Electives .....	10	Electives .....	11

# BIOLOGY

## Major for Bachelor of Science

First Semester	Hours	Second Semester	Hours
----------------	-------	-----------------	-------

### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Biology 1 .....	4	Biology 2 .....	4
Education 1 .....	1	Education 2 .....	1
English 1 .....	3	English 2 .....	3
German 1 or French 1	4	German 2 or French 2	4
History 1 .....	3	History 2 .....	3

### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
Biology 3 .....	3	Biology 4 .....	3
Chemistry 1 .....	4	Chemistry 2 .....	4
Foreign Language .....	3	Foreign Language .....	3
General Psychology .....	3	Public Speaking 2 .....	2
Public Speaking 1 .....	2	Electives .....	3

### Junior Year

Bible .....	2	Bible 56 .....	2
Biology 51 .....	3	Biology 52 .....	3
Biology 53 .....	3	Biology 54 .....	3
Sociology 3 .....	2	Sociology 4 .....	2
Electives .....	7	Electives .....	7

### Senior Year

Astronomy 1 .....	2	Biology 56 or 58 .....	3
Bible .....	2	Geology 2 .....	2
Biology 55 or 57 .....	3	Philosophy 52 .....	2
Geology 1 .....	2	Electives .....	10
History 58 .....	1		
Electives .....	7		



# CHEMISTRY

## Major for Bachelor of Science

First Semester      Hours      Second Semester      Hours

### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Chemistry 1 .....	4	Chemistry 2 .....	4
Education 1 .....	1	Education 2 .....	1
English 1 .....	3	English 2 .....	3
Foreign Language .....	4	Foreign Language .....	4
History 1 .....	3	History 2 .....	3

### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
Chemistry 3 .....	4	Chemistry 4 .....	3
Foreign Language .....	3	Foreign Language .....	3
General Psychology .....	3	Mathematics .....	3
Mathematics .....	3	Public Speaking 2 .....	2
Public Speaking 1 .....	2	Electives .....	4

### Junior Year

Bible .....	2	Bible 56 .....	2
Chemistry 51 or 53 .....	4	Chemistry 52 or 54 .....	4
Mathematics .....	3	Mathematics .....	3
Physics .....	4	Physics .....	4
Electives .....	4	Electives .....	4

### Senior Year

Bible .....	2	Chemistry .....	3
Chemistry .....	3	Philosophy 52 .....	2
History 58 .....	1	Electives .....	12
Electives .....	11		

## CLASSICAL LANGUAGES

### Major for Bachelor of Arts

First Semester	Hours	Second Semester	Hours
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#### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Education 1 .....	1	Education 2 .....	1
English 1 .....	3	English 2 .....	3
History 1 .....	3	History 2 .....	3
Laboratory Science ...	4	Laboratory Science ...	4
Latin .....	4	Latin .....	4

#### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
General Psychology ...	3	Greek or Modern Lang.	4
Greek or Modern Lang.	4	Latin .....	3
Latin .....	3	Public Speaking 2 ...	2
Public Speaking 1 ...	2	Electives .....	6
Electives .....	3		

#### Junior Year

Bible .....	2	Bible 56 .....	2
Greek or Modern Lang.	3	Greek or Modern Lang.	3
Latin .....	3	Latin .....	3
Electives .....	9	Electives .....	9

#### Senior Year

Bible .....	2	Archaeology .....	2
History 58 .....	1	Latin 54 .....	2
Roman and Greek Civ- ilization .....	3	Philosophy 52 .....	2
Electives .....	11	Electives .....	11

## ECONOMICS

### Major for Bachelor of Arts

First Semester	Hours	Second Semester	Hours
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#### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Education 1 .....	1	Education 2 .....	1
English 1 .....	3	English 2 .....	3
Foreign Language ....	4	Foreign Language ....	4
History 1 .....	3	History 2 .....	3
Laboratory Science ...	4	Laboratory Science ...	4

#### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
Economics 3 .....	3	Economics 4 .....	3
General Psychology ...	3	Foreign Language ....	3
Foreign Language ....	3	Public Speaking 2 ....	2
Public Speaking 1 ....	2	Sociology 2 .....	3
Sociology 1 .....	3	Electives .....	4

#### Junior Year

Bible .....	2	Bible 56 .....	2
Economics .....	3	Economics .....	3
Economics .....	3	Economics .....	3
Electives .....	9	Electives .....	9

#### Senior Year

Bible .....	2	Economics 56 .....	2
Economics 55 .....	2	Philosophy 52 .....	2
History 58 .....	1	Electives .....	13
Electives .....	12		

## EDUCATION

### Major for Bachelor of Arts

First Semester	Hours	Second Semester	Hours
----------------	-------	-----------------	-------

#### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Education 1 .....	1	Education 2 .....	1
English 1 .....	3	English 2 .....	3
Foreign Language .....	4	Foreign Language .....	4
History 1 .....	3	History 2 .....	3
Laboratory Science .....	4	Laboratory Science .....	4

#### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
Education 21 .....	3	Education 22 .....	3
Foreign Language .....	3	Foreign Language .....	3
General Psychology .....	3	Public Speaking 2 .....	2
Public Speaking 1 .....	2	Sociology 2 .....	3
Sociology 1 .....	3	Electives .....	4

#### Junior Year

Bible .....	2	Bible 56 .....	2
Education 51 .....	3	Education 52 .....	3
Educational Sociology .....	2	Electives .....	12
Electives .....	10		

#### Senior Year

Bible .....	2	Education 53 .....	3
Education 55 .....	2	Education 56 .....	2
Education 54 .....	2	Philosophy 52 .....	2
History 58 .....	1	Electives .....	10
Electives .....	10		

# ENGLISH

## Major for Bachelor of Arts

First Semester	Hours	Second Semester	Hours
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### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Education 1 .....	1	Education 2 .....	1
English 1 .....	3	English 2 .....	3
Foreign Language .....	4	Foreign Language .....	4
History 1 .....	3	History 2 .....	3
Laboratory Science .....	4	Laboratory Science .....	4

### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
English 3 .....	3	English 4 .....	3
Foreign Language .....	3	Foreign Language .....	3
General Psychology .....	3	History 4 .....	2
History 3 .....	2	Public Speaking 2 .....	2
Public Speaking 1 .....	2	Electives .....	5
Electives .....	2		

### Junior Year

Bible 52 .....	2	Bible 56 .....	2
English 66 .....	2	English 68 or 69 .....	3
English 65 .....	3	Foreign Language .....	3
Foreign Language .....	3	Public Speaking 55 .....	2
Electives .....	7	Electives .....	7

### Senior Year

Bible .....	2	English 76 .....	2
English 67 or 69 .....	2	English (elective) .....	3
English (elective) .....	3	Philosophy 52 .....	2
History 58 .....	1	Electives .....	10
Electives .....	9		

# HISTORY

## Major for Bachelor of Arts

First Semester	Hours	Second Semester	Hours
----------------	-------	-----------------	-------

### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Education 1 .....	1	Education 2 .....	1
English 1 .....	3	English 2 .....	3
Foreign Language .....	4	Foreign Language .....	4
History 1 .....	3	History 2 .....	3
Laboratory Science .....	4	Laboratory Science .....	4

### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
Economics 3 .....	3	Economics 4 .....	3
Foreign Language .....	3	Foreign Language .....	3
General Psychology .....	3	History 4 .....	2
History 3 .....	2	Public Speaking 2 .....	2
Public Speaking 1 .....	2	Electives .....	5
Electives .....	2		

### Junior Year

Bible .....	2	Bible 56 .....	2
History 51 .....	3	History 52 .....	3
Sociology .....	2	Sociology .....	2
Electives .....	10	Electives .....	10

### Senior Year

Bible .....	2	History 57 .....	2
History 56 .....	2	Philosophy 52 .....	2
Electives .....	13	Electives .....	13

# HOME ECONOMICS

## Major for Bachelor of Science

First Semester	Hours	Second Semester	Hours
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### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Education 1 .....	1	Education .....	1
English 1 .....	3	English .....	3
Foreign Language .....	4	Foreign Language .....	4
History 1 .....	3	History 2 .....	3
Home Economics 1 .....	4	Home Economics 2 .....	4

### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
Chemistry 1 .....	4	Chemistry 2 .....	4
Foreign Language .....	3	Foreign Language .....	3
General Psychology .....	3	Home Economics 4 .....	3
Home Economics 3 .....	3	Public Speaking 2 .....	2
Public Speaking 1 .....	2	Electives .....	3

### Junior Year

Bible .....	2	Bible 56 .....	2
Chemistry 53 .....	3	Chemistry 55 .....	3
Home Economics 51 .....	3	Home Economics 52 .....	3
Home Economics 53 .....	3	Home Economics 54 .....	3
Electives .....	6	Electives .....	6

### Senior Year

Bible .....	2	Economics 4 .....	3
Economics 3 .....	3	Home Economics 56 .....	3
History 58 .....	1	Home Economics 58 .....	2
Home Economics 55 .....	4	Philosophy 52 .....	2
Home Economics 57 .....	2	Electives .....	7
Electives .....	5		

## MATHEMATICS

### Major for Bachelor of Science

First Semester	Hours	Second Semester	Hours
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#### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Education 1 .....	1	Education 2 .....	1
English 1 .....	3	English 2 .....	3
Foreign Language .....	4	Foreign Language .....	4
History 1 .....	3	History 2 .....	3
Mathematics 3 .....	4	Mathematics 4 .....	4

#### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
Foreign Language .....	3	Foreign Language .....	3
General Psychology .....	3	Laboratory Science .....	4
Laboratory Science .....	4	Mathematics 6 .....	3
Mathematics 5 .....	3	Public Speaking 2 .....	2
Public Speaking 1 .....	2	Electives .....	3

#### Junior Year

Bible .....	2	Bible 56 .....	2
Mathematics 51 .....	4	Mathematics 52 .....	4
Electives .....	11	Electives .....	11

#### Senior Year

Bible .....	2	Mathematics .....	2
Mathematics .....	2	Philosophy 52 .....	2
History 58 .....	1	Electives .....	13
Electives .....	12		



## MODERN LANGUAGES

### Major for Bachelor of Arts

First Semester	Hours	Second Semester	Hours
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#### Freshman Year

Bible 1 .....	2	Bible 2 .....	2
Education 1 .....	1	Education 2 .....	1
English 1 .....	3	English 2 .....	3
History 1 .....	3	History 2 .....	3
Laboratory Science ...	4	Laboratory Science ...	4
Modern Language .....	4	Modern Language .....	4

#### Sophomore Year

Bible 3 .....	2	Bible 4 .....	2
General Psychology ...	3	Language (besides ma- jor) .....	4
Language (besides ma- jor) .....	4	Modern Language .....	3
Modern Language (major) .....	3	Public Speaking 2 ...	2
Public Speaking 1 ...	2	Electives .....	6
Electives .....	3		

#### Junior Year

Bible .....	2	Bible 56 .....	2
Language (besides ma- jor) .....	3	Language (besides ma- jor) .....	3
Modern Language .....	3	Modern Language (major) .....	3
Electives .....	9	Electives .....	9

#### Senior Year

Bible .....	2	Language (besides ma- jor) .....	3
History 58 .....	1	Modern Language (major) .....	3
Language (besides ma- jor) .....	3	Philosophy 52 .....	2
Modern Language .....	3	Electives .....	9
Electives .....	8		

## PRE-PROFESSIONAL COURSES

To meet the needs of students who cannot complete a course in liberal arts before entering professional or technical work, but who desire to do sufficient college work to meet entrance requirements to such courses, Whitworth offers pre-professional courses to meet the requirements in engineering, law, medicine, dentistry, library science, nursing, theology, journalism, and business administration.

The better class of professional schools, especially in law, medicine, and theology, are now requiring a full four-year college course for entrance; and all schools are constantly raising their requirements. If students have determined which professional schools they wish to enter, then their college courses at Whitworth can be arranged accordingly.

## DESCRIPTION OF COURSES

Departments are arranged in alphabetical order. The list of courses numbered from 1 to 49 are courses open primarily to Freshmen and Sophomores and are designated as lower-division work. The courses listed as 50 or above are open in most all cases only to Juniors and Seniors and constitute upper-division work. Odd numbers, as a rule, refer to first semester courses, and even numbers to second semester work. The term "hour" means a semester hour of credit. Laboratory courses involve from two to three hours of laboratory work for one semester hour of credit.

## BIBLE AND RELIGIOUS EDUCATION

Major: 24 hours. Courses 1, 2, 3, 4, 51, 52, 53, 55, 56, and 60 are required.

### 1. **The Old Testament** Two hours

An outline study of the first eight books will be made with a view to following the influence of God in human history. The aim will be to let the Book speak for itself as far as possible. Some of the most outstanding events will be dealt with in detail as time permits. Some memory work will also be required. The Bible will be the text used.

### 2. **The Old Testament (continued)** Two hours

The next nine books will be studied as in Course 1, followed with a general outline study of the remaining twenty-two books. The Bible will be the text, and Morgan's "Living Messages" will be used as collateral work.

### 3. **Life of Christ** Two hours

A careful study of the life of Christ as given in the four gospels. The student will be expected to harmonize the events given in these gospels and to give from memory a sketch of the life of Christ as therein presented. This course will be especially evangelical in its aim and purpose.

### 4. **The Gospel of John** Two hours

An intensive study of the Gospel of John, endeavoring to interpret this fourth gospel in the light of the author's own words, John 20:31. No effort will be made to take up the critical views of this book, but rather its deep religious message. In addition of the Bible a syllabus will be used, and each student will be expected to give an outline of the book from memory. The course will be intensive, thorough, and devotional.

**51. The Acts of the Apostles** Two hours

A careful study of the fifth book of the New Testament in the light of the events recorded in the four Gospels and the Old Testament. A working knowledge of much of the preceding portions of the Bible is necessary to get the most out of this course. In addition there will be an outline study of the last book of the Bible, the Revelation of John.

**52. The Epistles** Two hours

The twenty-one epistles of the New Testament in general outline study, followed with an intensive study of the Epistle of Hebrews, showing the great value, explicit teaching, and perfect system of Christian doctrine in this marvelous letter. Perhaps no book requires a wider knowledge of the whole Bible to interpret than this epistle. This study aims to complete the outline of the entire Bible.

**53. Introduction** Two hours

An introduction of the Old Testament and also of the New Testament, preceded by a general history of the Bible, including a study of the earliest manuscripts and principal versions of the Bible.

**54. Devotional** Two hours

A devotional study of the Epistle to the Philippians, followed by a devotional study of Colossians.

**55. Biblical Doctrine** Two hours

Largely based on R. A. Torrey's "What The Bible Teaches." Current heresies, religious cults, and problems in Christian faith will be dealt with in the light of the Scriptures.

**56. Apologetics** Two hours

The evidences of Christianity preceded by a review of the subject of theism and also the personality of God, that the student may have a "reason for the faith" he holds in Christianity.

- 57. Ethics** Two hours  
The general subject of Christian ethics with the use of a text book and lectures, using the Bible as collateral.
- 58. Religions** Two hours  
An outline study of the ten greatest religions of to-day. Lectures and general reading.
- 59. Christian Missions** Two hours  
Mostly given to the study of the great missionary heroes of the church, using Basil Matthew's "Missionary Heroes" as supplementary.
- 60. Personal Evangelism** Two hours  
How to win others to the acceptance of the Lord Jesus Christ as Saviour. The Bible will be used as a text book, supplemented with lectures, discussions, and general reading.
- 61. Teaching Training** One hour  
For those who are engaged in actual Sunday School work, one hour each week will be given in preparation for the presentation of the International Lessons.
- 62. Sunday School Methods** Two hours  
A general study, with the aid of a text book, of the organization, management, and message taught in an up-to-date Sunday School that seeks to promote the Gospel of Christ.
- 63. Apocalyptic Literature** Two hours  
An outline study with a conservative interpretation of the book of Daniel of the Old Testament and the Revelation of John in the New Testament.

## Prof BIOLOGY

Major: 24 hours. Course 1 does not count on a major.

### 1. General Botany Four hours

The first part of this course deals with the morphology, and the physiology of the root, the stem, and the leaf of a typical higher plant. The second part gives a general survey of the plant kingdom from the lowest to the highest forms with representatives from the most important groups of plants. Three two-hour laboratory periods and one one-hour lecture. Text: Holman and Robbins.

### 2. General Zoology Four hours

Representative members of the important groups of the animal kingdom are studied in the laboratory, and such subjects as the nature of living matter, the origin and development of life, the unity of the organism, the elementary nervous system, tropisms, and genetics are discussed in lecture and recitation. Three two-hour laboratory periods and one one-hour lecture. Text: Newman.

### 52. Comparative Anatomy of Vertebrates

Three hours

The comparative anatomy of of vertebrates is discussed in lecture and recitation, and representative members, probably the frog, the mud-puppy, and the cat, are studied in the laboratory. Two two-hour laboratory periods and one one-hour lecture. Text: Kingsley.

### 53. General Embryology Three hours

The embryology of representative groups of the animal kingdom is discussed in lecture and recitation, and the development of the embryo of a higher animal, probably the chick, is followed in the laboratory.

Two two-hour laboratory periods and one one-hour lecture. Text: Korscheldt and Heider.

**54. Histology** Three hours

A study of the minute structure of the human body with laboratory work on mammalian organs and tissues, including histological technique.

**55. Eugenics** Three hours

A discussion of the biological aspect of social problems including the study of genetics.

**56. Sanitation and Hygiene** Three hours

The general principle of public and personal health with special reference to the prevention of disease and the maintenance of physical efficiency.

**57. Entomology** Three hours

The structure, classification, and economic relations of insects. Open to students who have completed 1 and 2.

**58. Bacteriology** Three hours

Technique in growing and examining bacteria, identification of species, and common disease bacteria. One hour lecture and four hours laboratory. Open to students who have completed 1 and 2

## CHEMISTRY

Major: 24 hours. Courses 1 and either 2 or 3 do not count on a major.

**1—2. General Chemistry** Four hours each semester

The fundamental principles of general chemistry. The occurrence, preparation, physical and chemical properties, and the essential compounds, with the reactions, of the most important elements are considered in laboratory, recitation, and lecture. Three two-hour

laboratory periods and one one-hour lecture. Text: Smith; Laboratory manual: Kendall.

**51—52 Quantitative Analysis** Four hours each semester

*Volumetric and gravimetric analysis of standard laboratory compounds with particular attention to the metallurgy of the Coeur d'Alene mining region. Three two-hour laboratory periods and one one-hour lecture. Text: Treadwell and Hall.*

**53. The Chemistry of Foods** Three hours

A course in the analysis of foods, designed for majors in home economics.

**54. Technical Analysis** Three hours

**57—58. Physiological Chemistry** Four hours

The occurrence, synthesis, assimilation, and metabolism of the three great groups of food substances—carbohydrates, fats, and proteins—in the plant and the animal kingdoms; and the Chemistry of metabolism in the organism are considered. Three two-hour periods in laboratory and one one-hour in lecture. Text: Matthews.

**59—60. Physical Chemistry** Three hours

Fundamental theories of chemistry based on physical and chemical measurements.

## CLASSICAL LANGUAGES

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

The social and religious ideas of these peoples, as shown by their writings, will be discussed and compared with our own times. The fact that both languages have contributed very largely to the English vocabulary will be given much attention, and the en-



richment of the student's own vocabulary will be emphasized. The use of words to express concepts will be studied and the changing of the meaning of terms, when carried over into other realms of thought or as shown simply in the course of time, will be considered. Especially will this be noted in the case of New Testament Greek.

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

Major: 24 hours. Latin 1 and 2 do not count on a major.

## GREEK

**1—2. Elementary Greek** Four hours each semester

White's text will be used. Special emphasis will be placed on grammar and vocabulary.

**51—52. The Anabasis** Three hours each semester

The four books will be read. The grammar will be reviewed and the vocabulary enlarged. In the second semester much attention will be given to sight reading.

**53. The New Testament in Greek** Three hours

Selections from the New Testament and from post-apostolic writers will be read.

**54. Homer's Iliad** Three hours

Several books of the Iliad are read, and considerable attention is given the influence of Homer on subsequent literature.

## LATIN

1—2. **Elementary Latin** Four hours each semester  
For students entering without Latin.

3—4. **Caesar and Cicero** Three hours each semester  
Caesar with Latin stories for sight reading in the first semester; and Cicero's orations against Cati-  
line in the second semester.

6. **The Aeneid** Three hours  
Selections from books 1 to 6. Much sight reading.

51. **De Amicitia and De Senectute** Three hours  
There will also be a review of the Latin syntax.

52. **De Germania and De Vita Agricolae** Three hours

54. **The Teaching of Latin** Two hours

Open only to majors in the Classical Languages.  
Each student will be given an opportunity to teach  
classes in Latin, under supervision. Problems of high  
school Latin will be studied.

## ECONOMICS

Major: 24 hours.

2. **American Economic History** Two hours  
A graphic treatment in concrete terms of the  
Western Movement and its results.

3. **Principles of Economics** Three hours  
Problems of price, value, distribution, and busi-  
ness are treated.

4. **Marketing** Two hours  
Marketing problems are analyzed and the devices  
for their solution are studied.

51. **Labor Problems** Two hours  
A sympathetic study of labor and capital. Re-  
sultant social conditions are stressed. This may also  
be counted as sociology if preferred.

**52—53. Financial Organization**

Two hours each semester

Banking, corporation finance, business organization, and their inter-relations are treated.

**54—55. Advanced Economic Principles**

Two hours each semester

A study of the subject by the case method.

**56. Principles of Investment**

Two hours

A study of the laws and principles underlying sound investments.

**57. Industrial and Commercial Geography**

Two hours

An advanced course that interprets the earth in its usefulness to man.

## EDUCATION

Major: 24 hours. Courses 1 and 2 do not count toward a major.

**1. Social Standards** (Freshman requirement)

One hour

A discussion of social standards that are applicable to all phases of college life. The etiquette of the dining room, of special activities, of sports, and of the campus; and other topics that have to do with social life in a co-educational institution are discussed. Text: Ballou's Campus Blue Book.

**2. The Technique of Study**

One hour

A helpful course on the best methods of study and on the analysis of a task and the conservation of time.

**21. General Course in Education**

Three hours

This is a survey of the whole field of education, and is open to sophomores. Several reports are required of each student during the semester. It gives the student, whether preparing for teaching or not,

some intelligent idea of educational practices, problems, and procedure. Text: Introduction to the Study of Education.

**22. Child Study and Adolescence** Three hours

This course is a study of present-day knowledge relating to the nature, well-being, and education of children, and how this knowledge can be made of practical use in the care, training, and education of children. An extra hour of credit may be earned by doing over forty hours of laboratory work. Text: *The Child: His Nature, and His Needs.*

**51. Principles of Education** Three hours

A study of the philosophy of the educative process, based on modern psychology and biology and the changing needs of an economic and industrial civilization. Besides texts, much work is done in current educational journals.

**52. History of Education** Three hours

A study of ancient, medieval, and modern education, with the chief emphasis placed on the modern. Not a history of educational theory, but of the practice, progress, and organization of education itself.

**53. High School Methods** Three hours

A study of aims, class management, discipline, methods of teaching, and content of curriculum of modern high schools. Lesson plans and their presentation and supervised observation in nearby high schools is required.

**54. Educational Tests and Measurements** Two hours

An introduction to the use of standardized tests, both educational and mental. A laboratory fee of 50 cents is required of each student in this course.

55. **Practice Teaching** Two hours  
Open to prospective teachers who have had 53.

56. **State Manual** One hour  
The history, government, and educational policy of the public school system of the State of Washington. Required of all who wish to be recommended for a certificate.

Educational Psychology and Educational Sociology, listed elsewhere in this catalog, also count toward a major in Education and toward a teacher's certificate.

General Psychology may be applied toward a major or a minor in Education, but not toward the 16 hours required for a teacher's certificate.

In addition to the courses listed above, the courses which deal with the teaching of English, French, German, History, Home Economics, Latin, or Mathematics will be allowed two hours credit toward a major in Education.

## ENGLISH

Major: 24 hours. Courses 1 and 2 do not count on a major.

Students majoring in English and expecting to teach it should take at least forty semester hours. Required courses are 1, 2, 3, 4, 5, 6, 66, 68 or 69, and 76.

### 1—2. English Composition

Three hours each semester

A general course in rhetoric and composition, including a review of the principles of grammar. Many written themes, some oral composition, and regularly scheduled personal conference periods for each student. A Freshman requirement.

### 3—4. General Survey Course

Three hours each semester

Open to all but Freshmen. A pre-requisite to all other English courses except 1 and 2. This course aims to give the necessary background for more specialized courses in English literature. It traces the development of English literature from Beowulf to the twentieth century and shows the general characteristics of each of the main periods and movements. *Considerable collateral reading is required.*

### 5—6. General Survey of American Literature

Three hours each semester

A general survey of the whole field of American literature from the beginning to contemporary literature. Offered in alternate years.

9. Introduction to Journalism Two hours

53. Magazine and News Writing Two hours

54. Newspaper Editing Two hours

This includes laboratory work on the college paper.

61. The Short Story Two hours  
The reading, analysis, and writing of short stories.

62. The Novel Two hours  
A brief history of the development of the novel. Reading, analysis, and reports of several selected works.

65. Nineteenth Century Poetry Three hours  
A study of at least twelve of the chief English poets of the Romantic and the Victorian periods. This course should be taken by all who are majoring in English.

66. Advanced Rhetoric and Composition Two hours  
A review of the principles of rhetoric through an analysis of the current masterpieces and of the

various forms of English composition, with much practice in written composition.

**67. Eighteenth Century Literature** Two hours

A study of the literary and social ideas reflected by the leading poets and prose writers from Swift to Burns, with special emphasis on Dr. Johnson and his group. Offered in alternate years.

**68. Shakespeare's Comedies** Three hours

An intensive study of the chief comedies with a rapid reading of the reports on others. Collateral reading will be required on Elizabethan life and customs. Offered in alternate years.

**69. Shakespeare's Comedies** Three hours

An intensive study of the chief comedies with a rapid reading of and reports on others. Collateral reading will be required on Elizabethan life and customs. Offered in alternate years.

**70. Chaucer and the Middle-English Period**

Two hours

This course is devoted mainly to literature of the fourteenth century, with special attention, to the works of Chaucer and Langland and to some of the metrical romances.

**71. Anglo-Saxon** Three hours

An introduction to the study of the history of the English language. Includes the reading of selections in Bright's Anglo-Saxon Reader besides some of Beowulf in the original.

**74. English in High School** Two hours

A practical study of the aims and content of the high school course in English, including plans for teaching it. Open only to those electing English as a major or a minor.

**76. English Seminar** Two hours

A course devoted to the investigation of special

topics in English or American literature. Reading and research by each student in a field chosen in conference with the instructor. Open only to English majors.

## GEOLOGY

### 1—2. **General Geology** Two hours each semester

A brief but general survey of the science which includes structural, dynamical, and physiographical geology.

### 3. **Mineralogy** Three hours

A course in lectures and laboratory work. Qualitative analysis of the minerals as well as their characteristics, crystalline structure and occurrence, is studied. Open to all who have had Chemistry 1 and 2.

## HISTORY AND POLITICAL SCIENCE

Major: 24 hours. Courses 1 and 2 do not count on a major. Courses 51, 52, 57, and 58 are required.

The following courses have in view the study of the events and movements that have resulted in the present world civilization. Students majoring in history should also take courses 3 and 4 in economics and courses 3 and 4 in sociology. The equivalent of four years of foreign language in high school and college should be completed by students majoring in any of the social sciences.

### 1. **Medieval Europe** Three hours

A general survey of the development of Western Europe from the time of the breaking up of the Roman Empire about 350 A. D. to the period of the French Revolution in the eighteenth century. The origin and development of the Christian church and the rise of the various European nations are noted. The chief



characteristics and institutions of the Middle Ages are studied. Special attention is given to the causes and significance of the Renaissance and the Protestant Reformation. A pre-requisite to all other courses in history.

**2. Modern Europe** Three hours

Special attention is given to the French Revolution, the Napoleonic era, the growth of nationality and democracy, imperialism, and the causes and results of the World War.

**3—4. History of England** Two hours each semester

The first semester gives a survey of English history to the time of Queen Elizabeth, emphasizing the institutional, social, and industrial life of a nation in the making. The second semester emphasizes the growth of the nation into a world-wide empire, with a study of its internal and international problems.

**51. History of the United States** Three hours

A study and interpretation of the chief epochs in American history from the Colonial beginnings to 1829.

**52. History of the United States** Three hours

A study of the slavery controversy, the Civil War, reconstruction, territorial and commercial expansion, and national and international problems to 1927.

**53. Ancient Civilization** Two hours

A survey of Ancient history, emphasizing the institutional and cultural phases of Greece and Rome.

**54. The American Frontier** Two hours

A study of the Western movement from early colonial times and the effect of frontier influences on our economic, social, and political development.

55. **Political Science** Two hours  
A survey of the nature and origin of the state, of government functions, and the development of democratic institutions.
57. **American Government** Two hours  
A survey of the machinery of American government, the national executive department, congress, federal judiciary, and party politics.
58. **American Government** Two hours  
The machinery of party politics as operative in state, county, town, and city governments. The Washington state constitution will receive special study.
59. **American Constitutions** One hour  
Constitutions of the United States and of the State of Washington. A senior requirement for those not taking Courses 57 and 58. Required by state law.
60. **International Law (Open to Seniors)** Two hours  
A study of the principles and practices of nations in their international agreements, the law of war and peace, the forms and agencies of diplomacy.
61. **The Teaching of History and Government** Two hours  
Special attention is given to the subject matter of history and government, methods of presentation, bibliography, and teaching equipment. Open to students majoring in history.

## HOME ECONOMICS

(Will be offered in 1929-30).

Major: 24 hours. Courses 1 and 2 do not count on a major.

1. **Foods** Four hours  
This course teaches food preparations in meal combinations, composition of foods, principles of cook-

ery, analysis of standard products, and a study of basic preparations of recipes. In the laboratory there will be practical cookery and various methods of preparation.

**2. Foods and Nutrition** Four hours

This is a continuation of Course 1, with a study of new combinations of food and flavor. The selection of attractive foods and a study in nutritive values are emphasized.

**3. Textiles and Clothing** Three hours

Adaptation and use of commercial patterns, kinds, qualities and quantity of material. Elementary facts that form the foundation of successful selection of textile fabrics. Laboratory work will include planning and construction of garments from wash materials.

**4. Clothing** Three hours

Consideration of the bases of the selection of clothing; clothing budgets; clothes as a financial investment; clothing standards in relation to the economic, social, and aesthetic life of the community; principles of hygiene as applied to clothing. The laboratory work includes planning and making of garments.

**5. Meal Planning and Table Service** Two hours

Individual planning and preparation of meals for family groups, including the adaption to needs of the child. The aesthetic phase and social opportunity in meals is emphasized. Styles of service are studied and used.

**6. Large Quantity Cookery** Two hours

A study of foods and their preparation for institutional use. A study of labor-saving devices and utensils for large quantity work. Field work and observations in public institutions of the city.

**51—52. Costume Designing** Two hours each semester  
A study in design and advance garment making.

**53. Home Furnishing** Three hours  
A study of historic and modern architecture and modern adaption. The interior of the home planned for economy and beauty. Field work and one individual project.

**54. Household Management** Three hours  
The principles of scientific management as applied to the household. A study of household equipment, with economic and social problems in the home.

**55. Nutrition** Three hours  
A study of the daily food requirement in health throughout infancy to old age, with typical dietaries for each period. A study of food values and compositions. Laboratory work: study of weights and measures and amounts of the common food materials; preparation and comparison of special foods.

**56. Dietetics** Four hours  
A course similar to the one outlined in 55, but for this one there is a prerequisite of organic chemistry.

**57. Child development** Two hours  
Dietetic requirements in different pathological conditions; and a study of the child: his needs, care, and development. Laboratory work: preparation of typical diets for special pathological conditions—as diabetes, nephritis, and gastric ulcer. A special dietary for the child of pre-school age.

**58. Dietotherapy** Three hours  
Organic chemistry is a prerequisite. A course similar to 57 but more technical.

## MATHEMATICS AND ASTRONOMY

Major: 24 hours and a senior thesis. Courses 1 and 2 do not count on a major.

**1—2. Minimum Essentials** Four hours each semester

A survey course for students not expecting to major in the department but who desire to acquire the fundamentals of trigonometry, analytics, and calculus for practical use in the sciences. Text: Mullin and Smith's Freshman Mathematics.

**3. Algebra and Trigonometry** Four hours

Pre-requisite: strong preparation in three semesters of high school algebra.

**4. College Algebra** Four hours

A fundamental course for majors in mathematics.

**5. Solid Geometry** Three hours

Recommended for those who are to teach mathematics.

**6. Spherical Trigonometry** Two hours

**7—8. Plane Analytics** Three hours each semester

These courses may be taken in succession or alternated with the courses in differential and integral calculus.

**51—52. Differential and Integral Calculus**

Four hours each semester

Pre-requisite: at least one semester of analytics or unusually strong preparation in college algebra.

These courses may be taken in succession or alternated with the courses in plane analytics, or they may be taken by strong students simultaneously with the courses in plane analytics.

**57. Solid Analytics** Two hours

Pre-requisite: Courses 7 and 8.

58. **Projective Geometry** Two hours  
Pre-requisite: Course 57.
- 53—54. **Advanced Calculus** Two hours each semester  
Pre-requisite: courses 51, 52, and 57.
59. **History of Mathematics** Two hours  
Not to be counted towards a major in mathematics.
60. **Teaching of Mathematics** Two hours  
Counted toward a major or minor in education,  
but not toward a major in mathematics.
61. **Senior Thesis** Two hours

## ASTRONOMY

21. **Observational Astronomy** One hour  
This course includes study of the constellations, descriptive observations of celestial objects, and other exercises according to the preparation and interest of the class. This may be given as a part of the laboratory work of 62.
62. **Descriptive Astronomy** Two hours  
Gives the student a knowledge of the general facts of astronomy, of the methods by which these facts are obtained and of the theories that account for them.

## MODERN LANGUAGES

Major: 24 hours. French 1, German 1 and Spanish 1 do not count on a major.

### FRENCH

- 1—2. **Elementary French** Four hours each semester  
Pronunciation, grammar, vocabulary—Chardenal's Complete Course. Reading and translation of Erck-

mann-Chatrion's "Le Conscrit de 1813." Careful attention to right methods of study and to the relation of French to Latin and English.

**3—4. Intermediate French** Three hours each semester

Review of French grammar with particular reference to the subjunctive mood. Reading and translation of Halevy's "L'Abbe Constantin," Merimee's "Columba," La Martine's "Scenes de Revolution Francaise." Some attention is given to the oral use of the language, but a ready reading knowledge of modern French is the main objective.

**51—52. French Classics** Three hours each semester

Hugo's "Les Miserables" (Super's edition), or "Le Tarvailleurs de la Mer" (Langley's edition); one of Racine's tragedies; and one of Moliere's comedies will be read and discussed in class.

## GERMAN

**1—2. Elementary German** Four hours each semester

The fundamentals of pronunciation, grammar, and vocabulary, together with reading and translation of easy prose and verse. Effort is made to cultivate good habits through eye, ear, and vocal organs simultaneously. Emphasis is put upon the grouping of words according to logical relation. Some attention is paid to comparative linguistics.

**3—4. Intermediate German**

Three hours each semester

The general aims and methods of the preceding course will be continued, beginning with a strong and systematic presentation of German syntax, particularly the difficulties of word-order in the complex sentence. Careful attention is paid to the correct methods of acquiring a vocabulary and to the outstanding differences of German and English idiom.

A ready reading knowledge of idiomatic modern German is the goal of the course.

**51—52. Schiller's Dramas** Three hours each semester

Reading, translation, and analysis of at least four historical dramas: "The Maid of Orleans," "Wilhelm Tell," "Maria Stuart," and "Wallenstein." The cultivation of an immediate understanding of German through the ear and the appreciation of Schiller's literary art will receive about equal attention.

**53—54. Goethe** Three hours each semester

Reading and interpretation of "Hermann und Dorothea," "Die Leiden des Jungen Werthers", and "Faust" (parts I and II). Increasing attention is given to literary art without neglect of grammar and philology.

**55—56. Scientific German** Two hours each semester

Treatises in chemistry, biology, and psychology will be read in standard German texts.

Pre-requisite: courses 3 and 4.

## SPANISH

**1—2. Elementary Spanish** Four hours each semester

Grammar, drill in pronunciation, idioms, and conversation, elementary composition and reading from selected texts.

**3—4. Intermediate Spanish**

Three hours each semester  
Spanish authors; conversation.

**51. Commercial Spanish** Three hours

Pre-requisite: three semesters of college Spanish.

**52. History of Spanish Literature** Three hours

Golden Age to the twentieth century.

**60. Methods of teaching Modern Languages**

Two hours



Aims and methods in the teaching of modern languages; texts; aids in teaching; lesson plans; high school course of study in the modern languages; supervised observation in nearby high schools; and some coaching and cadeting in lower classes.

## MUSIC

Students having had sufficient preparation may earn from one-fourth to two hours credit in a course in a semester, dependent on the number of lessons and rehearsals or practice periods per week, the intensiveness of the work, and appearance in public recitals. A maximum of ten semester hours may be accepted toward fulfillment of the requirements for the bachelor's degree.

1. Glee Club
2. Orchestra
3. Piano
4. Violin
5. Voice
6. Harmony

## PHILOSOPHY AND PSYCHOLOGY

1. **General Psychology** Three hours  
A general course required of all students. Warren's "General Psychology"; and experiments.
50. **Educational Psychology** Three hours  
This offers the psychology that teachers need for specific work of teaching and of guiding the mental growth of children.
51. **Logic** Two hours  
What adequate evidence is, what are the conditions of clear statement, what is valid reasoning, and what are the common sources of fallacies.

52. **Ethics** Two hours  
A study of ethical principles and their application to various problems in the individual and social life of today.
53. **History of Philosophy** Three hours  
A survey of the greatest thinkers from the time of Socrates to our own day.
55. **Present Day Philosophical Thought** Two hours  
A study of a few men who are influencing philosophical thought now. Each student works out one independent project for a part of the work.

## PHYSICAL EDUCATION

In addition to 128 hours, required for graduation, each student must present for graduation at least four semesters of work in physical education. This work is to be taken in the Freshman and Sophomore years, unless, because of physical disability or other legitimate cause, the student is released from the requirements in those years. In that event the work must be completed as soon as possible.

## PHYSICS

- 1—2. **General Physics** Four hours each semester

For those who wish a course for liberal training, pre-medical or engineering. The course consists of demonstrations, recitations, and laboratory work covering mechanics, heat, sound, light, magnetism, and electricity. Pre-requisite: trigonometry. Three recitations and two two-hour laboratory periods per week.

Not offered in 1928-29.

## PUBLIC SPEAKING AND DRAMATICS

### 1—2. **Public Speaking** Two hours each semester

Instruction in breathing, voice placement, diction, gesture; with practice in reading. Types of speeches such as persuasion, after dinner speeches, eulogy, nominating, and others are studied, and used as models for student speeches.

### 51. **Argumentation and Debate** Two hours

A study of both the logical and the rhetorical requisites of argumentative discourse, elements of conviction and persuasion, outlining and briefing; and appearance in at least one public debate.

### 52. **Dramatics** Two hours

Stage craft, collateral reading along the lines of dramatic art, and the public presentation of plays under the direction of the instructor.

### 55. **Oratory** Two hours

A study of the purpose of oratory; the analysis of models; two orations written during the semester; and one public appearance.

## SECRETARIAL COURSES

1. **Typewriting**—Five periods ..... One hour
2. *Continuation of 1*—Five periods ..... One hour
3. **Shorthand**—Four periods ..... Two hours
4. *Continuation of 1*—Four periods ..... Two hours
5. **Bookkeeping**—Five periods ..... Three hours
6. **Accounting** ..... Three hours

## SOCIOLOGY

### 1. **Society and Its Problems** Three hours

This is an elementary course dealing with some of the problems of sociology.



## GRADUATES NOT LISTED IN FORMER CATALOGUES

1926

- Dorothy Ellen Brenton, A. B. in English, cum laude  
Spokane
- Thelma Helen Porter, B. S. in Home Economics  
Spokane
- Rev. James Hayes, D. D. (honorary).....(Deceased)  
Former missionary to Nez Perces, Kamiah, Ida.

1927

- Donald Sherwood Beal, B. S. in Chemistry, cum laude  
Harrah
- Carl Leroy Boppell, A. B. in History, cum laude..Seattle
- Melvin Starr Gilmore, A. B. in History, cum laude..Mead
- Mary Marthalena Miller (Mrs. Karl Rupp), B. S. in  
Home Economics, cum laude.....Spokane
- Mary Elizabeth Ransburg (Mrs. George Hall), A. B., in  
Classical Languages, cum laude.....Seattle
- Rev. William Walker Edmondson, D. D. (honorary)  
Pastor Westminster Presbyterian Church,  
Spokane

1928

- Thorson Homer Bennett, A. B. in English  
Freewater, Ore.
- Russell Murray Boucher, A. B. in Mathematics, magna  
cum laude .....Spokane
- Charles Herbert Boynton, B. S. in Chemistry...Spokane
- Lillian Grace Brown, A. B. in Classical Languages  
Spokane
- Dorothy Martha Dailey, Ph. B. in Bible and Christian  
Service .....Seattle
- Gertrude Marie Johnson (Mrs. Ole Oiland), A. B. in  
Modern Languages .....Spokane
- Carl O. Laudenschach, A. B. in History.....Clarkston
- Phillip Abbott Laurie, A. B. in History, summa cum  
laude .....Tacoma
- Lessie Ellafair Rasco, A. B. in History.....Sunnyside
- Alan Randolph Rice, A. B. in History.....Wenatchee
- Karl Kenneth Rupp, B. S. in Chemistry, cum laude  
Spokane
- Jean Seaton, A. B. in History.....Seattle
- Rev. Charles Frederick Koehler, D. D. (honorary)  
Pastor Knox Presbyterian Church, Spokane