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Whitworth College

BULLETIN



ANNUAL CATALOGUE

1922-1923

Vol. XX

SPOKANE, WASHINGTON, JUNE, 1922

No. 1





MAIN BUILDING AND WOMEN'S DORMITORY



MEN'S DORMITORY

VOL. XX

SPOKANE, WASHINGTON

No. 1

THE WHITWORTH COLLEGE BULLETIN

*Containing the Annual Catalogue
and Register of Students of
Whitworth College, 1921-1922,
General Information,
Courses of Study
and Other Announcements
1922-1923*



*"Orando et Laborando pro
Educatione Juvenum"*

SPOKANE, WASHINGTON, JUNE, 1922

*Published Quarterly from the College Office
during the College year*

SHAW & BORDEN CO.
199010

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COLLEGE CALENDAR

1922

Registration.....Tuesday, Sept. 19, 1922, 9 A. M.
First Assembly.....Tuesday, Sept. 19, 10:30 A. M.
Student Conferences with Teachers.....Tuesday, Sept. 19.
Teachers meet classes, class work beginsWednesday, Sept.20.
Armistice Day.....Saturday, November 11.
Mid-Semester Examinations.....November 13 to 15.
Thanksgiving Vacation Begins.....Wednesday, Nov. 29, 4:00 P. M.
Class Work Resumed.....Monday, Dec. 4, 8:50 A. M.
Christmas Vacation Begins.....Friday, December 22, 4 P. M.

1923

Class Work Resumed.....Monday, January 8, 1923, 8:50 A. M.
Semester Examinations.....January 29 to Feb. 1.
Second Semester Begins.....Tuesday, February 6.
Washington's Birthday.....Thursday, February 22.
Mid-Semester Examinations.....March 27 to 29.
Easter Vacation Begins.....Thursday, March 29, 4 P. M.
Class Work Resumed.....Tuesday, April 3, 8:50 A. M.
Decoration Day.....Wednesday, May 30.
Baccalaureate Sermon.....Sunday, June 3, 8 P. M.
Final Examinations.....Monday-Wednesday, June 4-6.
Commencement.....Friday, June 8, 10:30 A. M.
Alumni Annual Meeting.....Friday, June 8, 8 P. M.

Regular Meetings, Board of Trustees

Quarterly.....Fourth Tuesday of September, January and April.
Annual.....Second Tuesday of June

 BOARD OF TRUSTEES

Term Expiring 1923

- JAY P. GRAVES, Mine Owner, Spokane, Washington.
 B. H. KIZER, of Graves, Kizer & Graves, Lawyer, Spokane, Wash.
 AUBREY L. WHITE, Pres. N. W. Wall Paper Co., Spokane, Wash.
 H. H. McMILLAN, Real Estate, Davenport, Washington.
 HUNTINGTON TAYLOR, Mgr. Rutledge Timber Co., Coeur d'
 Alene, Idaho.
 REV. CLARENCE W. WEYER, D. D. Pastor First Pres. Church,
 Tacoma, Washington.
 GEORGE PEDICORD, Banker, Colville, Washington.
 DANIEL G. MUNRO, Contractor, Spokane, Washington.

Term Expiring 1924

- REV. MARK A. MATTHEWS, D. D., LL. D., Pastor First Presby-
 terian Church, Seattle, Washington.
 WILLIAM B. DUDLEY, Capitalist, Yakima, Washington.
 R. L. EDMISTON, Attorney-at-Law, Spokane, Washington.
 O. W. LEGGETT, Real Estate, Spokane, Washington.
 E. A. LINDSLEY, Pres. Lindsley Bros. Co., Spokane, Washington.
 FRANK C. ROBERTSON, Land Owner & Capitalist, Willsall, Mont.
 REV. SHERMAN L. DIVINE, D. D., Pastor First Presbyterian
 Church, Spokane, Washington.
 HENRY W. NEWTON, Guernsey-Newton Fire Ins. Co., Spokane,
 Washington.

Term Expiring 1925

- CHARLES HEBBERD, Mgr. Tull & Gibbs, Spokane, Washington.
 I. N. TATE, of the Weyerhaeuser Lumber Co., Spokane, Wash.
 R. E. PORTERFIELD, Mgr. Citizens Savings and Loan Society, Spo-
 kane, Washington.
 C. E. MARR, Owner Marr's Chain Stores, Spokane, Washington.
 ARCHIBALD G. RIGG, Architect, Spokane, Wash.
 GEORGE A. PHILLIPS, Mgr. Palace Store, Spokane, Washington.
 WILLIAM L. McEACHRAN, Burgan & Sons, Spokane, Washington.
 REV. WAYNE S. SNODDY, Pastor Presbyterian Church of Mos-
 cow, Idaho.

OFFICERS OF THE BOARD

R. L. Edmiston	Chairman
W. L. McEachran	Vice-Chairman
R. E. Porterfield	Secretary-Treasurer.

STANDING COMMITTEES

Executive Committee—Edmiston, Graves, White, Porterfield, Newton, Lindsley, McEachran, Divine, Hebbard, Leggett, Marr.

Finance—McEachran, Phillips, Newton, Porterfield, Tate.

Endowment—Lindsley, Graves, Divine, Hebbard, Pedicord.

Faculty and Curriculum—Edmiston, Porterfield, Divine, White, Kizer.

Library and Laboratories—White, Leggett, Lindsley, Matthews, Snoddy.

Honorary Degrees—Marr, Porterfield, Weyer, McMillan, Graves.

Athletics—Newton, Rigg, Divine, Dudley, Munro.

Buildings and Grounds—Graves, Rigg, White, Hebbard, Robertson.

Purchasing—Leggett, McEachran, Marr, Phillips, Munro.

Publicity—Divine, Newton, Phillips, Edmiston.

Extension—Kizer, Taylor, Edmiston, Lindsley, Newton.

Transportation—Tate, Leggett, White, Rigg.

COLLEGE FACULTY

Willard Haskell Robinson, A. B., B. D., Ph. D., President.

Professor of Greek and Bible.

University of Chicago A. B., 1909; Graduate Fellowship, 1909-1910; McCormick Theological Seminary B. D., 1913; New Testament Fellowship, 1913-1915; Ordained to the Ministry, 1913; American School of Archaeology in Jerusalem, Palestine, 1913-1914; Travel in Bible Lands; Graduate Study in France and Germany, 1914; Ph. D. in New Testament Work, University of Chicago, 1915; Professor of Bible and Greek at Blackburn College, Carlinville, Ill., 1915-1918; Acting Professor of New Testament Interpretation, San Francisco Theological Seminary, 1918-1919; Bible and Greek, Whitworth, 1919-1921; Acting President, February, 1921; President, June 1921.

Henry C. Myers, B. S., Ph. D.

Professor of Chemistry.

Student: Case School of Applied Science; Philadelphia College of Pharmacy; Columbia University (post graduate);

University of Goettingen, Germany; University of Strassburg, France, Ph. D.

Instructor in Chemistry Stanford University; Prof. of Chemistry and Dean of the College of Pharmacy, University of Washington; Honorary Fellow in Chemistry and in Agricultural Chemistry, University of California.

Chief Chemist for Sugar Factories at Ogden and Sogan in Utah, Greeley, Colorado and Los Alamitos, California; Chemical expert and later Superintendent of cane sugar mill of the Hololulu Plantation Company, Hawaiian Islands. Assayer, mineral expert and Chemist for quartz mining and hydraulic projects in California, Oregon and Idaho. Whitworth, 1921.

Edna Moore Robinson, A. B., A. M., Ph. D.

Professor of English.

A. B. University of Chicago; Head of English Department, Hardin College, Mexico, Mo., 1912-1913; Graduate Scholar University of Chicago, 1913-1915; A. M. University of Chicago, September, 1915; Graduate Fellow Johns Hopkins, 1916-1917; Ph. D. Johns Hopkins, June 1917. Major subject, English; Minors, Greek and Germanic Philology. Head of English Department, Mt. Morris College, Mt. Morris, Ill., 1917-1919; Whitworth, 1919.

Hazel C. Coffey, A. B., A. M.

Professor of Biology.

A. B. 1915, University of Montana; 1915-1918, Department of Science, Montana Wesleyan College, Helena, Montana. 1918-1920, Post Graduate at Northwestern University, Chicago, Ill., Graduate Fellowship; 1920-1921, Department of Science, Montana Wesleyan College, Helena; Whitworth, 1921.

Elizabeth Marsh, B. S., A. M.

Professor of Home Economics.

B. S. Berea College, Ky; A. M., Columbia University; Assistant Professor, Berea College; Assistant and Associate Professor, N. Carolina College; Assistant Professor, Iowa State College; Whitworth, 1921.

Arthur M. Hyde, A. B., A. M.

Professor of History.

A. B. and A. M. Yale University; Instructor and later Professor of History and Economics, Washburn College, Topeka, Kansas, 1896-1921. Whitworth, 1921.

W. M. Wible, A. B., A. M.

Professor of Mathematics.

A. B. Indiana University, 1906; A. M. Indiana University, 1908; Instructor at Michigan Agricultural College, 1912-1920;

Ass't. to chief engineer State Highway of Michigan, 1920-1921; Whitworth, 1921.

Park Powell, A. B., B. S.

Professor of Romance Languages and Education.

University of Missouri A. B., B. S. in Education, 1908; Kemper Military School, 1908-1909; Student in Europe, 1909-1910, and summer of 1907; in Mexico the summers of 1908 and 1911; University of South Carolina 1910-1911; Shattuck Military School 1911-1912; University of Washington, 1912-1913; Graduate Student University of California, 1913-1914; University of Vanderbilt, 1914-1916; University of Illinois, 1916-1917; Foreign trade business and correspondent in Chicago, 1910-1921; Whitworth, 1921.

C. A. Gilbert, B. Ped., A. M.

Professor of Commerce and Business Administration.

B. Ped., Greer College; A. M., University of S. Minnesota; Head Commerce Department, High School, Metropolis, Ill.; Head Commerce Department, Y. M. C. A. School, Chicago; Business Secretary Y. M. C. A., Chicago; Head Commerce Department, Cambridge High School; Branch Manager Remington Typewriter Co.; Whitworth, 1921.

Eleanor Peyton, A. B.

Head of Preparatory Dept.

A. B. University of California, 1921; Whitworth College, 1921.

Miriam Cassill, Instructor in Preparatory Dept.

Victor Vaughan, Assistant in Chemistry.

Frank Tattersall, Pianoforte virtuoso.

Head of Music Department.

Pianoforte virtuoso, of England.

William S. Middlemass, D. D.

Professor of English Bible.

A. B. Dundoon College, Glasgow, Scotland; Hartford Theological Seminary, Hartford, Conn.; D. D. Whitworth College; Whitworth College, 1921.

***Susie Wallace, R. N.**

Matron.

Abe Cohn, LL. B.

Athletic Coach.

University of Michigan. Three year letter man at U. of M.

Douglas E. Scates, A. B.

Bookkeeper and Accountant.

Edna Graham

Registrar.

*Resigned.

HISTORICAL SKETCH

Whitworth College had its origin in the establishment of a Presbyterian Academy at Sumner, Washington, in 1884, known as Sumner Academy. In 1890, the Board of Trustees secured a charter for a college. It was, therefore, reported to and taken under the care of the Synod of Washington as a college in September of the same year.

After struggling through the panic and depression from 1893 to 1897, an invitation was received from Tacoma, Washington, to remove the institution to that city. This invitation was finally accepted, and the college located in the City of Tacoma in February, 1900. This removal was accomplished through the generosity of the citizens of Tacoma and the late H. O. Armour, of New York, who, to insure its permanent establishment as a Christian college, gave his personal checks for \$100,000, besides valuable land holdings in West Seattle.

The late Dr. Calvin W. Stewart was its first President, and it was through his personal solicitation that Mr. Armour was induced to aid the college. Too much credit cannot be given Dr. Stewart for his self-sacrificing service and loyalty to the cause in those pioneer days of the institution.

Whitworth College was again destined to change its location. In August, 1913, the Presbytery of Spokane, encouraged by the pledged support of the citizens of Spokane, made overtures to the Board of Trustees of Whitworth College to remove to this city, and, after months of consideration, always having in view the larger usefulness of the institution, it was finally resolved by the Board of Trustees to accept the offer and move the college to Spokane.

The conditions of removal, which were approved by the Board of Trustees, were a campus of one hundred acres and forty-five per cent interest in five hundred sixty acres adjoining, this being the gift of Messrs. Jay P. Graves, Clyde M. Graves and A. L. White. In addition thereto, the citizens of Spokane contributed \$100,000 in cash and property.

In consideration of money previously advanced for erection of buildings a readjustment has been made whereby the college now has title to 90 of the 560 acres.

LOCATION

Whitworth College in its present location occupies a commanding site, six and one-half miles due north of the business center of the City of Spokane, or just two and one-half miles north of the city limits. C. C. Colburn, the noted landscape artist of Portland, after a careful examination of the ground, states "Whitworth College is immeasurably more fortunate than many of our best known colleges and universities in the East in the possession of an ample tract of land, consisting of one hundred acres sufficiently outside the present city limits of Spokane to make possible an individual development and to foster an integral college life and spirit independent of other influences."

Topographically, the tract is best described as being upon a level-topped hill and in the shape of a very wide letter "V". It is possessed of a fine growth of tall, stately pines, with an interesting undergrowth of smaller pines and attractive forms of indigenous plant life.

The land outside the college grounds to the south is gently rolling and a level approach is possible to the campus from the Inland Empire highway, while to the north of the campus proper, the college grounds slope in interesting topography to broad meadows reaching away to the foothills and mountains beyond.

COLLEGE BUILDINGS AND CAMPUS

The two main buildings now occupied by the College face upon five acres of lawn, shaded by many pine and ornamental trees. The principles of landscape art have been followed in the laying out of the campus and the planting of trees and shrubbery which surround the buildings.

The buildings themselves are of brick construction and designed after English architecture, a style admirably suited to their surroundings. The president's office, the chapel, library, main class rooms, home economics laboratory, and dining hall are located in one building, the second and third floors of which comprise the women's dormitory affording accommodations for about fifty young women.

The music and commercial departments, preparatory class rooms, and chemistry, biology and physics laboratories, are situated in the second building, the second and third floors of which serve as the men's dormitory. Both dormitories are modern in every respect, the rooms are large, electric lighted, steam heated, and furnished with bed, dresser, table and chairs. The accommodations afforded make study and living conditions ideal in every way.

Attractive new houses are being constructed in the vicinity of the college campus which afford accommodation for members of the faculty.

GYMNASIUM

ATHLETICS AND REQUIRED PHYSICAL TRAINING

All students are required by state law to take physical training during eight semesters, two hours weekly, unless excused by the secretary of the faculty or the dean of women. The college stadium is surrounded by a fifth-mile running track, 15 feet in width, with a 100-yard straight-away and a cinder coating throughout. The gridiron is a beautiful grass plot. Adjoining the stadium is a temporary gymnasium 45 feet wide and 85 feet long, the main part of which is divided into a basket ball floor and handball courts. There is also ample space for indoor baseball. The building affords ample accommodations for the training of classes in gymnastics and all indoor games.

The gymnasium is open to all students who pay their Student Association Fee. Athletic certificates and "W's" are awarded to all students who meet the Athletic Board's requirements in competitive games.

OBJECT OF THE COLLEGE

The avowed object of the college, and the inspiration of all its ideals is not sectarian, but a liberal education under the most helpful Christian influences. Its scholastic standards are high. Its faculty is complete. Its courses are thorough and comprehensive. Its degrees are recognized by our best universities.

THE RELIGIOUS LIFE

Whitworth College has various religious denominations represented on its Board and among its teachers and students. Whitworth is a Presbyterian institution only to the extent that the Presbyterian church is a trustee of the interests, policies, and work of the college, assuming the responsibility before the country at large of seeing to it that the College properly recognizes religion in its educational plan and gives it its proper amount of attention. The college is absolutely non-sectarian and undenominational in its teaching and class work. The Bible is one of the text books of the institution, and every student is requested to include Bible work in his course, but the Bible is not used for the purpose of teaching Presbyterian doctrines, and if a teacher so used it, he would be required to discontinue such use. Students of all denominations or of no denomination are invited to enjoy the benefits and pleasures of the teaching and social life of the college, so long as they can present evidence of being men and women of character. Whitworth College is not a reform school, and does not invite, and will not welcome students of questionable character or indolent habits. We cannot afford to let such mingle with the excellent young men and women who compose our student body.

Each day a brief chapel service is held, which each student is required to attend.

All students are encouraged and expected to attend religious services every Sunday. Only such students as may be excused upon requests of parents and pastors for denominational reasons are exempted.

Vocation week with Day of Prayer for colleges is regarded by the students as a helpful and inspiring occasion.

The Y. M. C. A. and Y. W. C. A. organizations are well established and are doing fine work among the students, maintaining numerous religious services of their own. Both of these organizations send representatives each year to the Northwest Student Conferences at Seabeck, Hood's Canal, Washington.

Vesper services, held each Sunday afternoon at five o'clock, are now one of the features of the home life, and intended for those students rooming at the college and away from home.

ADMINISTRATION

(See also page 84)

In the administration of the college, appeal is made to the self-respect and honor of the students. They are constantly encouraged to study and maintain the good name and dignity of the institution, and to evince on all occasions a wholesome, progressive college spirit. This is effected by the establishment and maintenance of college traditions, the frequent singing of college songs, and the arousing of college loyalty and patriotism at various times during the year. Only such regulations as are absolutely necessary are established, and when students matriculate, it is understood that they thereby submit to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected to obligate themselves, to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, and chapel, and to be diligent in the preparation of all tasks assigned.

Students whose influence is found to be hurtful, whether guilty of a serious breach of order or not, cannot be retained in the institution.

Both dormitories are under student control. A set of rules governing the conduct of students within the dormitories was formulated by the students themselves and approved by the faculty. Officers consisting of President, Secretary and Treasurer, and monitors are elected by the students of each dormitory. The faculty co-operate with these officers in maintaining discipline by the enforcement of these rules.

ATHLETICS

The perfect athletic field situated immediately upon the campus has resulted in unusual excellence in baseball and football. An excellent tennis court has encouraged proficiency in this sport also. Shower baths are conveniently arranged in each dormitory. A series of competitive "Conference" games between the Cheney Normal School, Spokane College, and Spokane University are yearly events.

The girls also similarly hold contests in basketball and tennis.

A passing grade must be maintained by students participating in inter-collegiate contests. It is not the policy of Whit-

worth to be represented by students who place scholarship secondary to physical excellence.

A student failing in the work of one quarter may not participate in Athletics during the quarter following.

SCHOLASTIC

Whitworth College is an earnest advocate of general culture as the best possible mental, moral and physical preparation a young man or young woman can have for the work of life. This is an age requiring, besides mental power and acuteness of thinking, great versatility and ready adaption to the exigencies of life.

It must be kept in mind all the time that knowledge is not the highest value sought, but culture, the discipline of the powers, the vitalizing of the faculties and the development of self-activity.

The dominant thought in education and in the preparation for active life is the supreme importance of character. Christian education means the utilization of the best years of acquisition for founding deep and broad principles of conduct. Expertness, capacity, knowledge, culture—all are valueless without character. There can be no true success, no real honor, no permanent good, without nobility of character.

The best results in the care and culture of men and women, in collegiate days, are developed by these conditions:

First. Contact with teachers of high moral convictions, of eminent scholarship, of generous sympathy, and exemplary in life and influence.

Second. Teaching of the Bible.

Third. Character building involves the exercise of needful authority and wholesome restraint. There can be no vital moral training without such restrictions as give steadiness to wavering purpose, admonition to the forgetful, and incentive to the well disposed.

AN ACCREDITED SCHOOL

By action of the State Board of Education, Whitworth College has been registered as an accredited school, the diploma being accepted as fulfilling all the scholastic requirements for a

State Teacher's Certificate. The candidate must pass an examination in School Law. Students preparing to teach take special normal work, and are encouraged to teach classes under the heads of the different departments.

Graduation from the college with the A. B. degree has been accepted by the University of Chicago, post-graduate scholarships having been issued to graduates. This is true, also, in connection with Columbia University.

The regents of the University of the State of New York have registered the degrees of the college as meeting all the usual scholastic requirements of such degrees.

CORRESPONDENCE

To receive prompt attention, all inquiries concerning the college and all correspondence affecting the college, should be addressed "Whitworth College, Spokane, Washington." Such correspondence will be referred immediately to the proper official.

WHITWORTH COLLEGE BULLETIN

The official publication of the college is issued quarterly, and is called "The Whitworth College Bulletin." Any number will be mailed on request. Persons wishing to be placed on the mailing list should send their names to the office with such request.

LIFE AT WHITWORTH

The fact that Whitworth stands as the expression of the ideals of the church for Christian education is a guarantee of the influences with which the student life will always be surrounded. It is the definite purpose and aim of the college to keep the atmosphere of the school life constructive of the best things and to send its students forth stronger and better men and women for their four years at Whitworth.

SOCIAL AMUSEMENTS—CONDUCT

The following is an extract from a letter from the Presbyterian College Board of New York and is inserted here as representing the attitude of Whitworth College on the matter of Social Amusements:

"Participation in most social amusements, such as dancing and card playing, must be determined by the individual conscience. The College includes within its circle of friends and supporters many of widely varying views concerning the two amusements mentioned. While not attempting to decide for any individual what his view concerning them should be, resident students are not permitted to attend public dances or to give dancing parties under the auspices of the college or any college organization. The use of tobacco by students on college property is forbidden. In general, the conduct of students as to language, habits, etc., both at college and elsewhere, is under the supervision of the faculty, who are authorized advisors in all such matters."

THE LIBRARY

The books on the shelves of a college library are a good index of the efficiency of an institution. Departments of instruction are hopelessly handicapped without them. To the student in his leisure hours they are a refining influence.

The Whitworth library has made a beginning commensurate with the growth of the college in its new location. Its growth is, we believe, a token of good will from many friends, and the harbinger of an era of greater usefulness on the part of the college. From a small quota of some twelve hundred volumes it has increased to five thousand five hundred books, including complete files of bound magazines and over nine hundred pamphlets. The principal weekly and monthly current periodicals find their way to the library table. Our shelves receive the government publications.

This result has been obtained through the generosity of a large number of friends in and around Spokane and throughout the Inland Empire; through the liberality of the Synod of Washington; and particularly through the solicitations and labor of Mr. A. L. White. Mr. White has been untiring in his efforts to secure

contributions from private libraries and has given important volumes from his own; he has collected these, negotiated the exchange of supernumerary volumes for new and different ones, and has been active in raising a fund for the purchase of new books.

It is hoped the library may continue to grow steadily, acquiring a few new books each year, thus keeping abreast of the times. The books are at present housed in the college chapel, which has been adapted for this purpose without marring its artistic design as a college assembly room.

THE DEAN OF WOMEN

The young women of the dormitory or non-residents are under the supervision of the Dean of Women.

THE PROCTOR

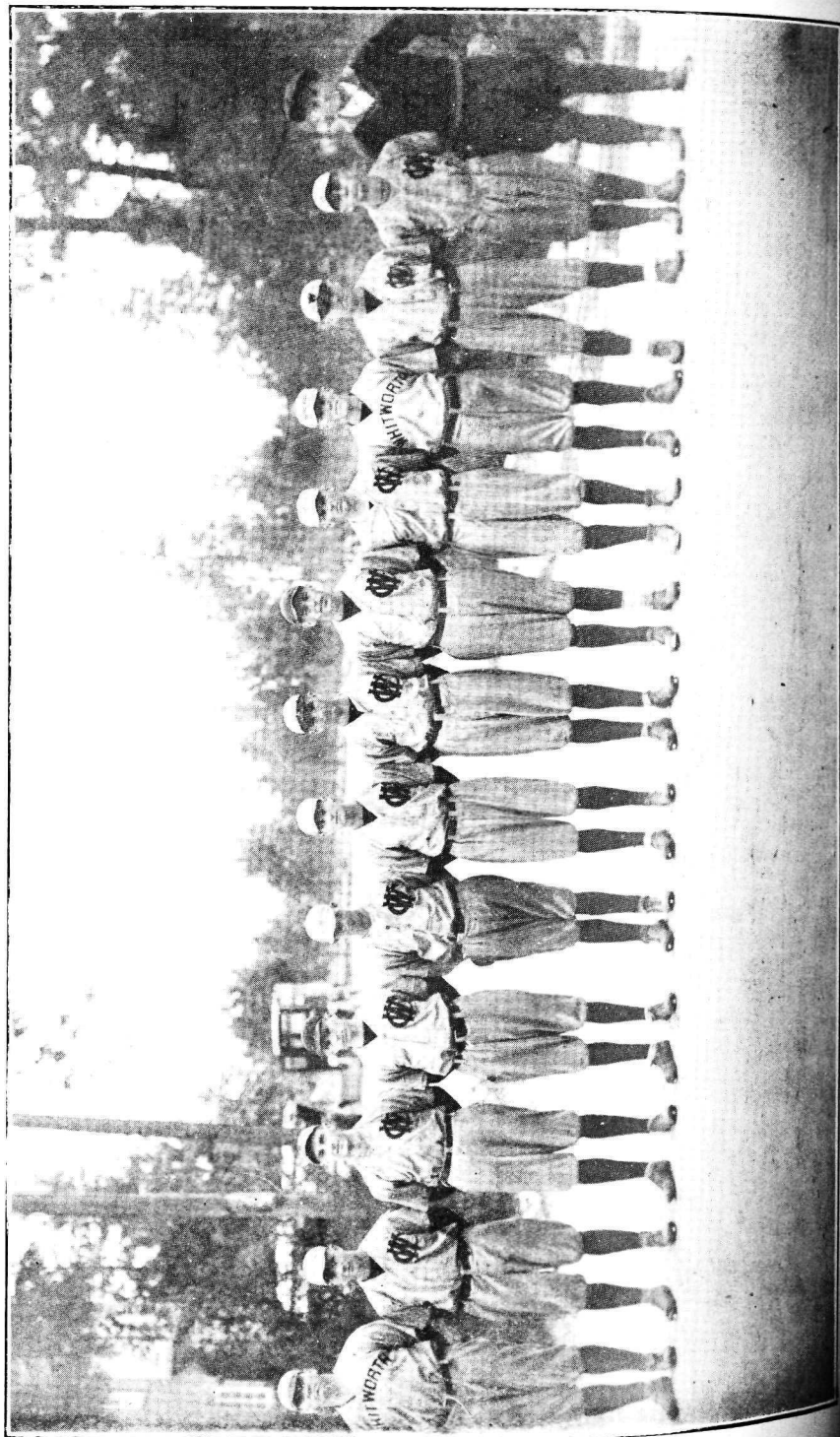
The young men of the dormitory are under the supervision of the Proctor.

PROFESSIONAL LECTURES

Besides the general entertainments for the instruction of the student body, the College has a distinct series of lectures by professional men, not members of the faculty. These lectures are given during chapel services. Residents of the College community are invited to attend. These lectures will be extended during the coming year so as to include subjects concerning Law, Medicine, Engineering, Agriculture, Horticulture, Economic Science, Home Economics, Finance, Banking, Municipal Governments and Social Service.

COLLEGE EVENTS

The interest in college life is very much enhanced by certain college events and traditions, which have their origin in student spirit, and are helpful in establishing those customs, associations,



SPOKANE INTERCOLLEGIATE CUP-WINNING TEAM

and memories which make college life something to be remembered, thought over, and loved during all the subsequent years.

There are several such events in which the students take great pride.

Among the first to occur in the year are the socials under the direction of the two Christian organizations in the college, the Y. W. C. A. and the Y. M. C. A. These socials occur during the year and tend to weld together the student life and effect a spirit of harmony and fellowship.

As soon as possible after college opens, the President gives a reception to the members of the Faculty, which is a general college reception, to which students and teachers are all alike invited. This is the first "get-together" gathering of the college, and begins the social spirit that is so enjoyable a feature of Whitworth life.

Early in the fall occurs the annual Freshman-Sophomore Contest, consisting of tug-of-war, cane rush and other contests of a similar kind, under the personal supervision of the Senior class, and witnessed by the entire college, students and faculty.

An interesting event in the year is known as "Open Dorm." The young ladies hold open house for their friends, and at another time the young men do likewise. Each occasion is marked by social festivity and is looked forward to by the students.

Hallowe'en is duly observed at the proper time by a party in the Gymnasium, and is a time of great gaiety and festivity.

About the middle of the year occurs a day known as "Cap and Gown" day. This is the "coming out" day of the Senior class, in which they appear in the formal cap and gown of senior year. Its importance is recognized by all the students and faculty, and the event is managed and controlled by the Junior class. A regular program is rendered in the Chapel, the students march in due form to the Chapel, where the Seniors are addressed with farewell speeches by the different classes, and the interesting ceremony of handing down the Key and Ring occurs. This is followed by a banquet.

In honor of Washington's birthday, the college has the "Colonial Party," with costumes and forms of entertainment in keeping with olden times. The students' association has charge of this affair.

In the early spring occurs "Campus Day." This comes about the time of the opening of the baseball season and spring athletics, and is for the purpose of getting the grounds ready for

baseball and track events. Every person connected with the college is expected to turn out and render assistance at this time.

Early in April the girls of the Y. W. C. A. have a party of their own called the "April Frolic." This is usually held in the girls' dormitory.

In May occurs the event known as the "Kappa Gamma May Party." This is under the direction of the Kappa Gamma Society.

STUDENT PUBLICATIONS

The Whitworthian is a publication issued monthly by the Student Association of Whitworth College.

The Annual, also published by the Student Association, is called the "Natsihi," which in the Indian tongue means, "In the Pines."

The Whitworth Alumnus, edited by the Alumni Association.

STUDENT ORGANIZATIONS

The Student Association is an organization of students for the purpose of promoting and supporting athletics and other important student activities. Any student is eligible to membership, and upon qualifying for membership, the association presents him with a certificate which entitles him to vote on all questions, to admission to all games held on the home field, and to a year's issue of the "Whitworthian." The association elects annually an executive board composed of ten members, whose duty it is to transact business. Those members consist of two faculty members chosen by the faculty, who shall act as advisors and who shall cast the deciding vote on all questions concerning the welfare of the school; the remainder of the board is chosen from each class, the President and Vice-President being chosen from the Senior and Junior classes.

Student Association Dues—This is a fee of five dollars (\$5.00) to be paid at the time of registration to the treasurer of the association. Arrangement must be made for the payment of these dues before the student will be allowed to participate in any college activities.

The money thus collected will be used in defraying the general expenses of the student association. A receipt for the payment of dues entitles the owner to a year's subscription to the "Whitworthian" and is a ticket of admission to all college functions.

The Criterion Literary Society is an association of young men and women interested in the study of literature, the usages of parliamentary procedure and the benefits to be derived from debate and oratory. The society meets twice in every month.

The Kappa Gamma Society is a society of young women. Its purpose is social and literary. Members are elected from year to year by the society. Membership is limited to twenty-one. It was reorganized in 1914, having among its members some of the members of the same society when the college was at Tacoma.

The Beta Phi Epsilon is a society of young men. Its purpose is social and literary. It was organized in 1917, and has had a great part in securing new students for Whitworth.

The Young Women's Christian Association and the **Young Men's Christian Association** are two strong and effective organizations in Whitworth College. Meetings are held each week. While students are encouraged to participate in these, it is aimed to have public speakers address them as frequently as possible. These associations are branches of the National College Associations of the same name, and its members are members of the National College Association.

The Camp Fire Girls have organized this year and are developing a strong organization to which all girls are eligible. Long hikes are taken and general good times enjoyed by all. This is a branch of the National Organization of Camp Fire Girls.

The Orchestra is a strong organization and is composed of about ten pieces. Anyone playing an instrument is eligible.

The Glee Club has been reorganized this year and prospects look bright for a good strong organization.

The "W" Club is composed of the letter men of the College and is active in promoting the athletic interests of the institution.

The Several Classes in College are organized for mutual improvement and the promotion of class and general college spirit.

NEW STUDENTS

Students coming to Whitworth for the first time should plan to arrive on Monday before the opening of the semester, so as to conclude all necessary arrangements. Assignment to rooms should be made in advance through the college office. The student should plan to come prepared to pay the fees and bills of the first quarter in advance. Young women may report directly to the Ladies' Reception Hall and consult the Dean of Women.

TO REACH THE COLLEGE

Take the North Howard car to the city limits, going north, then transfer to college auto-bus which runs regularly between street car terminus and the college. The college has a special arrangement, at favorable rates, for delivery of baggage. Students should bring their checks to the college to insure prompt attention and delivery. The office looks after the baggage for young women and the young men. Immediate needs should be provided for by hand baggage. Students will be met at the depot upon request.

BOOKS

Students provide their own text books, note books, and tablets. The college operates a book store, providing books and stationery and all school supplies at the usual price of stationers.

COLLEGE REGULATIONS

Students board and room in the college buildings under the immediate supervision of the President of the college.

Students may be permitted to board and room outside the college buildings, it being understood that all such students are under the same regulations as those governing students within the college buildings.

Business engagements are made only with parents or guardians of applicant, if a minor. All arrangements are for the school year, unless otherwise expressly stipulated, but in no case for less than one semester of eighteen weeks or the unexpired portion of the semester after entering the institution.

No resident student may spend an evening at any place of amusement or the night away from college, without permission previously granted.

Each boarder furnishes his or her own napkins (six), napkin ring, and bedding, including pillow, pillow cases and bedspreads, hand and bath towels, laundry bag, toilet articles, and carpet or rug on the floor. Every article, if practicable, must be plainly marked in indelible ink with the owner's name.

The rooms are large, each having a large closet. The college furnishes steam heat and electric lights; also a three quarter bed, with woven springs, a dressing case, study table, a chair, rocker, and window shades. The bed makes up in the day time as a lounge or couch, with spread, pillow and cushions, giving the room the appearance of a cozy sitting room instead of a sleeping apartment.

The laundry is taken by a laundry wagon, under special arrangement with the college, whereby superior service is given students at reduced rates. A pressing and ironing room, open at definite periods, is provided for the young ladies for the pressing of dresses and other apparel.

Students may board at the college during Christmas and Easter vacations at the regular rate, under the usual regulations.

Study hours are from 7:30 to 10:00 P. M. Students are free from college duties Saturday and Sunday.

COLLEGE EXPENSES

The college year is divided into two 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 and are due at the first of each quarter. A student entering any time during the first month of a semester will be charged tuition and fee for the whole quarter. A student leaving during the last month of a semester will not be entitled to any rebate of either room rent or tuition. Room rent, if a room has not been previously engaged, and board will be charged from the

time of entering to the end of the current quarter, a fraction of a week being counting as a week. If a room is reserved, rent will be charged from the time for which it was engaged. No rebate of tuition or fees will be made on account of suspension or dismissal. A rebate of not more than fifty per cent of room rent or board may be made. In case of absence on account of prolonged sickness, credit will be given for board paid and will be applied upon the return of the student. No credit will be given for absence of less than a week.

Registration fees, per year.....	\$20.00
Tuition in the college, per year.....	80.00
Laboratory Fees:	
Chemistry, for the year.....	7.50
Physics, for the year.....	5.00
Biology, for the year.....	5.00
Domestic Science, for the year.....	7.50
Diplomas:	
College diploma.....	5.00

Board and Room:

Board and room by the quarter is \$7.00 per week, payable weekly or monthly in advance.

Single meals: Dinner, 40c; breakfast or lunch, 25c. Students bringing guests to table will be charged at single meal rates.

A room may be reserved by paying \$5.00, which will be credited on rent account, but will be forfeited if room is not occupied.

Damage Deposits:

Each student makes a deposit of \$5.00 as an indemnity for breakage not due to ordinary usage. The fees, less breakage, if any, will be returned at final settlement. Room key must be returned before final settlement.

Laboratory Breakage:

In addition to the laboratory fees, each student in the laboratory course makes a deposit of \$2.00 against breakage, the unused portion of which is returned at the end of the year.

Special Students:

Students taking extra studies in the college pay \$10.00 per semester for each class.

The Board of Trustees have instructed the officers in charge to enforce the rule requiring all students to make satisfactory arrangements for the payment of bills at the time of registration.

Discounts—To sons and daughters of clergymen, of any denomination, a discount of 50 per centum is made in tuition only, in all scholastic departments.

MUSIC—EXPENSES

(Subject to Change)

Piano

For the semester, 2 half hour lessons per week.....	\$144.00
For the semester, 1 half hour lesson per week	72.00
Piano rent, one hour's practice daily for semester.....	5.00
Piano rent, 2 hour's practice daily for semester.....	8.00

Vocal

For the semester, 2 half hour lessons per week.....	80.00
For the semester, 1 half hour lesson per week.....	40.00

Classes and expenses in harmony, theory, etc., to be arranged according to demand. Anyone desiring violin lessons may arrange for them at the college.

ELOCUTION AND PUBLIC SPEAKING

Expenses

(Subject to Change)

These courses are in private lessons by a non-resident instructor.

Elocution in Class:

One hour per week for semester (18 weeks).....\$15.00

Public Speaking in Class:

One hour per week for semester..... 15.00

Dramatic Club:

One hour per week for semester..... 15.00

Private Lesson:

One Hour per week for semester..... 54.00

Half hour per week for semester..... 27.00

Art—Expenses (Subject to Change)

Drawing, charcoal, oil paintings, water color painting, etc. One semester, two one-half hour lessons per week.....	\$30.00
One one-hour lesson per week.....	\$18.00

SELF HELP

It is possible for the students who need aid in securing their expenses, to render college assistance that will be counted as pay for one or more items in the expense account. The college assists several through the year in this way, and Spokane families need help that students can give, so that no student need stay away from college or be discouraged from entering because of the expense involved. The President will be glad to hear from any who desire to work their way in whole or in part.

PART-TIME WORK

A representative of the college will make effort to secure part-time work in the city for any student wishing such work.

Students are advised, however, not to undertake much work outside. They should not attempt to take a full course with their class and much outside work. If outside (part-time) work is undertaken, one or two subjects should be dropped.

Part-time work cannot be secured by the college for any applicant, till the applicant accompanies the college representative to make application for the desired employment.

Some work can be assigned by the dean of women and the janitor in the college buildings and on the campus.

Applications for part-time work may be made any time, Whitworth College, Spokane, phone Glenwood 417. Office open during vacation.

PRIZES

W. R. BALLARD ORATORY PRIZES

Beginning with the year 1913, the "W. R. Ballard Oratorial Contest" was established, open to members of the Sophomore and

Freshman classes, with first, second, and third prizes of \$30, \$20, and \$10 respectively. The contest takes place during Commencement week, subject to the usual conditions attending contests of this kind. This is made possible by the generous provision of Mr. W. R. Ballard, of Seattle.

ROBINSON GOLD PRIZES

A ten dollar gold piece is awarded as a prize to the best boy student and also to the best girl student each year. Each prize carries with it an honor scholarship for the succeeding year. Mental ability and efficiency as well as classroom grades are taken into consideration in the awarding of these prizes.

THE ATHLETIC CUPS

Each year a silver cup is presented by the Coach of the College to the best all round boy athlete and also to the best all round girl athlete. The public presentation of these cups takes place at the Annual Commencement exercises in June.

FRONT

SCHOLARSHIPS

A limited number of students are granted scholarships amounting to free tuition in the college for from one to four years.

ALUMNI SCHOLARSHIPS

At their annual meeting and banquet, held June 1, 1912, the Alumni decided to establish a tuition scholarship, to be known as the Alumni Scholarship. The Alumni Association will name the beneficiary and the conditions upon which the scholarship is conferred.

CONVERSE SCHOLARSHIPS

Two scholarships have been endowed by the late Mr. John H. Converse, of Philadelphia, the income from which is applied to the tuition of such candidates for the ministry as may be selected by the faculty. The income available from these for 1920-21 is \$50.00 each.

SILLIMAN SCHOLARSHIPS

One scholarship yielding \$50.00 per year, endowed by Dr. H. B. Silliman, of Cohoes, New York, has been assigned to Whitworth College. By the terms of the trust the income from this fund is to be applied to the "tuition of such male students as are members of some Evangelical Church and shall be selected by the faculty for good scholarship and active Christian influences, with prospect of future usefulness, and under such other conditions as the faculty shall determine."

ROTARY CLUB (SPOKANE) SCHOLARSHIPS

The Rotary Club offers four scholarships, \$75.00 each,—one each for the year of 1916-17, 1917-18, 1918-19, and 1919-20. The beneficiaries of these scholarships agree to return to the College the money thus advanced, on or before four years from date of receipt. The rotary Scholarships will therefore have a rotating effect from the time they begin.

CASH SCHOLARSHIPS

Whitworth College offers to our men of means an especially good opportunity of helping the college, and at the same time helping students, and thus getting good returns for the money invested. The college desires to establish a number of scholarships providing full college tuition, and asks men and women of means, who want to do something practical and definite, to take up these scholarships, and write to the college immediately of their intention. The college will name the students who will receive the benefits of these scholarships, or will leave it to the donor to name the beneficiary. This is a tuition scholarship only, and covers the tuition for one year. It is not intended for those who are able to pay the tuition, nor should this move invade the present field of patronage. The college knows of worthy young men and women who would be glad of this opportunity. We recommend this investment to our friends of means and urge them to write to us at once and accept this opportunity.

The following scholarships have been established:

Carson, Dr. John F., Central Presbyterian Church, Brooklyn, N. Y.	
First Presbyterian Church.....	Spokane, Wash.
Lane, Thaddeus S.....	Spokane, Wash.
McClure, Margaret	Spokane, Wash.

Port Blakeley Presbyterian Church.....	Port Blakeley, Wash.
Powell & Ross	Hoquiam, Wash.
Smith, Mr. and Mrs. C. E. (2 clergy).....	Spokane, Wash.
Wenatchee Elders.....	Wenatchee, Wash.
Whitworth, F. H.	Seattle, Wash.
Knox Presbyterian Church (clergy).....	Spokane, Wash.
Davenport Presbyterian Church.....	Davenport, Wash.
Y. P. S. C. E., Davenport Presbyterian Church	Davenport, Wash.
Temperance Board	Philadelphia, Pa.

WHITWORTH COLLEGE, Spokane, Wash. :

Name of Scholarship

I HEREBY subscribe for one four-year Scholarship in Whitworth College, Spokane, for which I will pay \$100.00 per annum, payable

Signed.....

Date..... Address.....

Whitworth College, Spokane, is hereby authorized to require all persons who are beneficiaries of this, and each succeeding scholarship established by this scholarship, to sign the following:

For and in consideration of the advantages received or to be received by me from the acceptance of the..... four years' scholarship in Whitworth College, on or before 10 years from date of my graduation or leaving said college, I agree to subscribe for and establish a scholarship in Whitworth College, Spokane, for the same length of time that I was beneficiary of a scholarship in said college, and to pay for the same at the rate of \$100.00 per annum, payable quarterly.

THE WHITWORTH FEDERATION

The Federation is composed of members of the Alumni Association, former students of college standing who have attended Whitworth at least one year, and members of the existing Junior and Senior classes. Its object is to promote interest in the college and to maintain a class relationship between former students and those now in college.

ADMINISTRATION

The Board of Trustees of Whitworth College is a self-perpetuating body incorporated under the laws of the State of Wash-

ington. The trustees comprise three classes, the triennial term of a class expiring in June of each year. The trustees thus selected by the Board are confirmed by the Synod of Washington.

The Board of Trustees is immediately responsible for the property and funds of the college and the proper conduct of its affairs, scholastic and financial.

The original jurisdiction of the Board as to its membership and policy secures a consistent and aggressive line of action, with enough independence for effective administration, while the ecclesiastical supervision guarantees that the college reflects the moral and religious standards of the Presbyterian Church of the State of Washington. Benefactors are thus assured responsible business methods and such synodical accountability as fully protects the institution from policies and influences not in accord with the spirit and dignity of the church.

ORGANIZATION

The institution comprises the following departments:

- I.—The College, with the regular courses of four years leading to the degree of Bachelor of Arts and Bachelor of Science.
- II.—The School of Music, offering courses in Voice, Piano, Organ, Stringed Instruments, Theory and History of Music.
- III.—The Courses in Art.
- IV.—The Courses in Elocution, Public Speaking, and Dramatic Art.
- V.—The Extension Service.
- VI.—The Community Center Service.
- VII.—The Preparatory Department.

THE COLLEGE

ADMISSION

The applicant must submit satisfactory recommendations and references as to good character, industry, and promptness in fulfilling all engagements; also a certificate of honorable dismissal from the school last attended, and a health certificate.

A student may enter either by diploma from an accredited high school, or by examination.

Blank Forms of Application may be obtained by applying to the "Registrar of Whitworth College, Spokane, Washington."

The applicant need not wait till the opening of the college, but may obtain the blank form of application, by mail, at any time during the vacation and send the application at once to the college. The college invites correspondence pertaining to these matters of admission and classification, for it facilitates enrollment, and assists the applicant in his future plans.

All students contemplating a college course are cordially invited to visit the college, where the President will be pleased to meet and discuss matters of mutual college interest with them. When a visit is impracticable write for catalogue and full particulars.

ACCREDITED HIGH SCHOOLS

Applicants from accredited high schools should present, with their applications, their diplomas and a certificate (signed by the proper authority) concerning the applicant's preparation in the special studies that are prerequisite to the college course that he wishes to pursue.

No examinations are required of students entering from accredited high schools.

SCHOOLS NOT ACCREDITED

Students coming from schools not accredited are advised to bring certificates (signed by the proper authorities) concerning all the work done, the names of the principal text-books used and the years when the several studies were taken. This certificate will be considered on its merits and will facilitate classification of the student.

ADMISSION ON EXAMINATION

Unless admitted on diploma or on a certificate approved by the college the applicant will be required to take an examination in the subjects as outlined below.

ADVANCED STANDING

Students from other colleges must present certificates of honorable dismissal and also a certificate (signed by the proper authority) of the work done preceding that of the class he wishes to enter.

Without such certificate advanced standing may be obtained by examination.

ADMISSION WITH CONDITION

In some cases, by special action of the faculty, a student may be admitted to the Freshman class with condition.

These condition credits must not exceed three semester credits and must be removed before the beginning of the Sophomore year.

TEACHERS ADMITTED WITHOUT EXAMINATION

No examination is required of teachers holding certificates in the State of Washington, though they will be enrolled with conditions on any subjects not included in teachers' examinations, but which are prerequisite to any college course.

THE ENTRANCE CREDIT DEFINED

A unit represents a year study in a secondary school, for a term of thirty-six weeks at four (60 minute) or five (45 minute) periods per week.

Outline of requirements for admission to courses leading to graduation with the Degree of Bachelor of Arts, or the Degree Bachelor of Science:

	For the Degree B. A.	For the Degree B. S.
English	*4 credits	3 credits
History and Social Science.....	1 credit	1 credit

Chemistry, Physics or Biology.....	1 credit	2 credits
Mathematics	2 credits	*3 credits
Latin, German, French.....	3 credits	2 credits
Electives	4 credits	4 credits
	15 credits	15 credits

Choosing a Major—Each student, except those classified as specials, must by the end of the Freshman year, choose a major subject in which at least three full years' work (24 credits) must be done to obtain a degree. In these cases the major professor is the student's advisor and in consultation with him the correlated minor subjects should be outlined.

After a student has chosen and duly entered upon a course, in no case may he change this course without special permission of the faculty, and this must be done before the beginning of the Senior year.

Special Students—Persons who are twenty-one years of age and who are not applicants for a degree may enroll for special studies upon satisfactory evidence that they are fully qualified to carry on the work. Their study list must receive the approval of the committee on enrollment and the instructors in charge of the desired studies.

PREPARATION FOR TEACHING

(See page 37)

Graduates of Whitworth College are entitled to state certificates for teaching, as the college meets all the requirements of the State Board of Education pertaining to credits in normal studies. Those preparing to teach thus combine the broader experience of college life with special training classes under college supervision.

DIPLOMA ADMITS WITHOUT EXAMINATION

A diploma from an accredited four-year high school admits, without examination, to Whitworth College Freshman class, though

*In English (for B. A. Degree) 3 credits will be accepted if applicant presents one extra credit in history, modern languages or other subject approved by the committee.

*In Mathematics (for B. S. Degree) 2 credits will be accepted if applicant presents one extra credit in history, modern languages or other subject approved by the committee.

*Students who intend to major in any of the courses leading to the B. A. degree should present three credits in Latin, and those who intend taking a premedical course in college should present two credits in Latin.

the applicant may be conditioned in some study that is a prerequisite to the college course that he wishes to enter.

Certificates from three-year accredited high schools admit without examination to the Senior preparatory class.

Certificates from two-year accredited high schools admit without examination to the Junior preparatory class.

MINIMUM GENERAL REQUIREMENTS FOR GRADUATION

The following credits are required of all candidates for graduation:

	Semesters	Credits
English	4	16
Biology, Chemistry or Physics.....	2	8
Modern Languages	4	16
Social Science	2	6
Bible	6	6
Physical Training	8	8
History	2	8
Required		
Majors		68
Minors		24
Free Electives		16
Total number for graduation.....		20
Total number for graduation.....		
		128

EXTENSION COURSES

Evening and Saturday Classes

The extension service consists of weekly lectures on advanced college subjects. It is established especially for those whose college career has been interrupted, and who now in professional life, perhaps years after leaving their studies, have the ambition to resume such studies.

During the past four years these classes have consisted mainly of principals and teachers from the public schools in Spokane. Some applicants have finished a normal school and such credit admits them to the junior class. Others have had more college work and enter the senior class. There are others who do not wish credit and do not wish to graduate.

The whole system of extension service is based on the plans adopted by the State College of Washington, as to credits, fees for the courses, etc. Whitworth College insists on high-grade work in these courses and on strict regulations regarding attendance, reports and examinations, so that it may continue to receive approval from the State Institutions.

Those who enter extension work are advised that if they are occupied in teaching or other professions that they should not attempt too much work. In order that highest scholarship may be attained, three subjects are usually considered the maximum.

The extension service at the Carnegie library, evenings, and the laboratory work at the College Saturdays is regarded as "Work in residence" in obtaining credit.

The minimum credit in obtaining a degree is 32, or one year. See other requirements for graduation.

The fees for each course, 18 weeks (18 lessons).....\$6.00

To the former members of the Whitworth College Extension Course classes and to others interested in such classes:

You are cordially invited to be present and express your preference as to courses and the time most convenient for you to attend any lecture.

In order to maintain high collegiate standards, applicants for college credit will submit a record concerning their education.

The instruction will be given once a week in the form of lectures with round-table discussions; the subjects will be of collegiate grade.

Tuition fees: For each course \$6.00 for each semester, 18 weeks.

The courses are arranged according to demand.

GRADUATION

A study occurring one hour per week through one semester is counted one unit.

To graduate requires, inclusive of Physical Culture, 128 credit hours.

To graduate Cum Laude requires an average grade of 90 per cent, no grade to fall below 80 per cent.

To graduate Magna Cum Laude requires that no grade fall below 90 per cent.

The grade of a student is determined by combining the daily work in class with the examination results in the proportion of two to one.

The marking system in use records the student's standing in percentage, the lowest passing percentage being 70. Absences from recitation count as failures unless the work is made up to the satisfaction of the instructor.

The required number of hours of recitation expected of the regular student is 16 hours a week. This may be raised to 20 by arranging with the office at the time of registration; but no student will be permitted to take over 20 hours a week, without faculty action.

Removal of Conditions—Members of the graduating class must have their records clear of condition by the end of the first semester of the senior year.

All conditions must be made up in the semester immediately following that in which the work reported as conditional was done, except by special permission of the instructor in charge, the time for making up the condition may be extended to the second semester following in case (1) the course for which the condition was imposed is not repeated until the second semester, and (2) it is considered necessary that the student make up part, or all, of the work at the time the class is repeated. Any conditions not made up within a year from the time it was imposed shall be counted a failure which cannot be made up. A charge of \$1.00 for a special examination where a student has been absent from class will be imposed.

PHILOSOPHY AND EDUCATION

PHILOSOPHY

Courses

Courses in Philosophy are open to students after their Freshman year, and in order of their arrangement:

I.—Logic. Deductive with a practical treatment of inductive reasoning. The work is based upon Hyslop as a text, affording a clear exposition of, and abundant practice in, sound reasoning and argumentation.

First Semester. Three Hours.

II. and III.—Psychology. This course is designed to lead the student to acquire the habit of psychological analysis and to cultivate the power of independent and abstract thought. The course is accompanied by lectures. A portion of the work is occupied with an analysis of the complex mental processes in the light of advanced experimentation. James' Psychology is the basis, with Hopkins, Baldwin, Ladd, McCosh, Dewey, Angell and others as reference works.

Both Semesters. Three Hours.

IV.—Ethics. This course presents a treatment both theoretical and practical, with a view of ascertaining the foundation of moral obligation, the place of the will, conscience, and the nature of virtue and the moral law. The student is expected to obtain a working knowledge of the leading systems of ethics, and to discover the true basis of obligation and the fundamental principles of moral conduct. Gregory's Christian Ethics issued as a guide.

Second Semester. Three Hours.

V. and VI.—History of Philosophy. History of Ancient Medieval and Modern Philosophy. The course covers a careful survey of Greek, Roman, patristic and modern speculative theories with text and lectures. The course is supplemented with critical readings from Plato's Republic, Aristotle's Metaphysics, Descartes' Meditations, Locke's Essay on the Human Understanding, Berkeley's Principles of Human Knowledge, Hume's Treatise on Human Nature, and Kant's Critique of Pure Reason.

Three Hours Throughout the Year.

VII.—Movement of Thought in the 20th Century. Special course for Seniors. Courses IV. and V. are pre-requisites. Leading speculative theories of the past century are critically analyzed with a view to a clear conception of recent philosophic investigation and to cultivate philosophizing.

Second Semester. Three Hours.

VIII.—Psychology of Religion. Course II. is a pre-requisite. This course is based upon Starbuck's Psychology of Religion and investigates the phenomena of religious experiences in the light of advanced experimentation.

Either Semester. Credit to be determined.

EDUCATION

Preparation for Teachers' Certificates

A diploma from Whitworth College, four years' study in any department, including 12 credits in normal work, entitles the graduate to a teachers' certificate from the state, without state examination.

Others not wishing to take a college course but who wish to prepare for state examinations may enter these normal credit classes. Such students would thus have the opportunity of taking up some special work in college, if desired.

- IX. (a)—*History of Education*. Evolution of educational theory, institutions, and practice of the Greek, Roman, Medieval, and Modern civilization.

Text. Bolton's Principles of Education.

- IX. (b)—*Principles of Education*. The function of education, formal and informal education; relation of physical and mental development to the art of teaching; instinct; habit and the acquisition of skill; perception and memory; conception; judgment, and reasoning.

Text. Bolton's Principles of Education.

First Semester. Three Hours.

- X. (a)—*School Supervision and management*. The establishment of schools and provision for their administration; units of control; maintenance; training and selection of teachers; the limitations types, functions, standards and devices of supervisors; the subject limits and time limits of the course of study, and its adaptation to types of mind; the rating of teachers; improvement of teachers in service; the technics of criticism.

Texts. Dutton and Snedden—*School Supervision and Management in the United States*.

- X. (b)—*Methods of Teaching*. The problem of the study of method, types of school exercises, methods of teaching the particular subjects of elementary and secondary instruction.

Texts. Freeman—*Psychology of the common school Branches*.
Second Semester. Three Hours.

Rules Concerning the Law Requiring Twelve Semester Hours in Professional Study of University and College Graduates

Pursuant to a request of the State Board of Education, a conference was held in the office of State Superintendent Josephine Preston, on July 3, 1915, to discuss the law requiring twelve semester hours in professional study in an accredited institution, of university and college graduates, and to determine the subjects in which credits shall be accepted, or in which examination may be taken in lieu of such college work. One or more representatives were present from each of the accredited institutions of higher learning of the State of Washington.

It was decided that for the purpose of administration, the work in Education shall be organized under five groups, including such courses as the following: (Group 6 was added in 1916.)

- | | | |
|---|---|--|
| Group 1.
Science of Education.... | } | Principles of Education
Philosophy of Education
Educational Psychology
Science of Education
Theory and Art of Teaching |
| Group 2.
History of Education... | } | History of Education in the United States
General History of Education
History of Special Phases or Periods
including Educational Classics
Rural Schools, Industrial Schools
Secondary Schools, Elementary Schools
Kindergartens |
| Group 3.
Childhood and
Adolescence..... | } | General Course in Child Study
Adolescence
Genetic Psychology
Organization |
| Group 4.
School Administration... | } | Administration
Supervision
Management
Secondary Education
Elementary Education
Kindergarten |
| Group 5.
Method..... | } | General Methods
Observation and Practice Teaching under competent supervision
Cadet Teaching under competent supervision |

Group 6.	}	School and Society
Educational Sociology...		Fundamentals of Sociology
		Social Principles of Education
		Social Education
		Constructive Rural Sociology

Beside the required 12 credits obtained in the college course, applicants must pass an examination in the State Manual. The instruction is given at the college. The questions are prepared by the State. The examination takes place in March at a place designated by the County Superintendent.

It was decided that not fewer than two credits of any group offered by the candidate and not more than four credits may be accepted from any one group.

Applicants who have a part of the required credits may be examined in the subjects in which they have no credits, an examination in one subject being the equivalent of four credits.

ENGLISH COURSES

The study of English is of necessity a large and complicated one. Three distinct aims will, however, be kept clearly in mind. The first is to develop in each student the ability to use his own mother tongue in a practical and efficient way. Any natural ability to write will also be carefully encouraged and fostered. The second aim is to give each student an intelligent, comprehensive, systematic grasp of the history of English Literature. The third is to arouse a real appreciation of the great masterpieces of English Literature.

The first two years of English are required of all students for a degree. Two years of elective English will also be offered. The nature of these will change from year to year in accordance with the growing demands and needs of the students. The electives offered during 1922-23 will be Tennyson and Browning, Shakespeare, Nineteenth Century Literature, and Masterpieces of World Literature in English Translation. Other electives will, however, also be offered provided there are a sufficient number desiring any particular course to warrant the organizing of a separate class.

I. and II.—English Composition and Rhetoric. Lectures, class recitations, and personal conferences. Linn's Essentials

of English Composition will be used as a textbook, and there will be constant practice in both oral and written themes. Required of all Freshmen.

Two Semesters. Four Hours.

III and IV.—Survey Course in English Literature. The whole history of English Literature will be covered from its earliest beginnings down to modern times. Two periods a week will be devoted to the history of English Literature and two to the study of representative classics. The various periods of English Literature, their chief writers and their important characteristics will be emphasized. Lectures, assigned readings, and written reports. Intended as a foundation for further more specific courses in English Literature. Required for a degree.

V. and VI.—Introduction to Shakespeare. A careful, detailed study will be made of one or two plays and most of the others will be considered in a more general way. Some attention will also be given to the non-dramatic works. Shakespeare as a dramatic artist, the stage in his day, the chronology of his writings, means of dating his plays, his use of sources and other topics will be discussed. The primary purpose, however, will be to arouse a love and appreciation of Shakespeare's plays for their own sake and as great pieces of literature.

Two Semesters. Four Hours.

VII. and VIII.—Tennyson and Browning. Here again, as in the study of Shakespeare, the object will be, through a careful study of the works of Tennyson and Browning, to arouse in the student a love and appreciation of the beauty and power found in the poetry of each of these great poets. In connection with this course, the general subject of the Bible in English Literature will be presented. The different effective ways in which it is used by great writers like Shakespeare, Milton, Macaulay and Browning will be briefly outlined and a more detailed consideration given to Tennyson's use of the Bible.

Two Semesters. Four Hours.

IX.—Elementary Course in Anglo-Saxon. The purpose of this course is to acquire a reading knowledge of Old English. The textbook used is Bright's Anglo-Saxon Reader. This contains a condensed outline of the essentials of Old English grammar, well chosen, interesting selections for reading and translation, and a glossary.

First Semester. Four Hours.

X.—A Reading Course in Chaucer. Chaucer is our greatest storyteller in verse. The object will be to make the student personally acquainted with these delightful stories and to give him an insight into the beauty and enduring charm of Chaucer's poetry. The books used are Liddell's edition of the Prologue, Knightes Tale, and Nonnes Prestes Tale, Skeat's Student's Chaucer, Mackaye and Tatlock's Modernization of the Works of Chaucer. In connection with the course, some of the problems of Chaucerian criticism will be presented and discussed.

Second Semester. Four Hours.

XI.—The Origin and Development of the Drama. The first beginnings in the mass service of the Catholic church, its development in the liturgical drama, the four cycles of Mystery Plays, Miracle Plays, Moralities, Interludes, and Shakespeare's Immediate predecessors will be considered. Texts used are Chamber's Mediaeval Stage, and Manly's Specimens of Pre-Shakespeareian Drama.

First Semester. Four Hours.

XII.—(a) The Origin and Development of the Novel. Cross' Development of the English Novel will be used as a textbook. Each student will also be required to read works from such representative writers as Malory, Lyly, Sidney, Greene, Lodge, Nash, Defoe, Richardson, Fielding, Smollet, Sterne, Goldsmith, Walpole, Radcliffe, Godwin, Scott, Cooper, Hawthorne, Dickens, Thackeray, and Stevenson. Twenty novels will be read and two reviewed.

Second Semester. Two Hours.

(b) Short Story Writing and Journalism. Designed for students interested in writing for publication. The principles of short story writing will be studied as presented by Esenwein and others. A survey of the history of the short story will also be made and a number of stories by Poe, Hawthorne, Irving, Maupassant, Kipling, and others will be critically analyzed.

Second Semester. Two Hours.

XIII.—A Survey of American Literature. The three chief periods, colonial, revolutionary, and national, will be carefully considered and a large number of selected works from representative poets and prose writers will be read and discussed.

First Semester. Four Hours.

XIV.—Greek Drama in English Translation. Representative plays from Aeschylus, Sophocles, and Euripides in Tragedy, and Aristophanes in Comedy will be read and studied in English translations. In connection with this course, the general subject of the classical element in English Literature will be discussed. Books like Harrison's *Platonism in the English poets*, Gordon's *Essays on Classicism in English literature*, and Mustard's *Classical Echoes in Tennyson* will be reviewed.

Second Semester. Four Hours.

XV.—The Old and Middle English Periods. A survey of Anglo-Saxon and Middle English Literature with selected readings from representative writers.

First Semester. Four Hours.

XVI.—(a) The Age of Elizabeth. Particular attention will be given to the non-dramatic poetry, especially the lyrics and the poetry of Spenser.

Second Semester. Two Hours.

(b) The Essay. Bacon's *Essays* will be studied as a point of departure for the study of the essay in general.

Second Semester. Two Hours.

XVII.—(a) The Puritan Period. The religious and political conditions of the time will be reviewed and special attention paid to Milton and Bunyan.

First Semester. Two Hours.

(b) The Bible as English Literature. Books used are Moulton's *Modern Reader's Bible*, Moulton's *Literary Study of the Bible*, and Gardiner's *The Bible as English Literature*.

First Semester. Two Hours.

XVIII.—The Age of Classicism. The characteristics of Classicism will be carefully pointed out and special attention given to Dryden and Pope.

Second Semester. Four Hours.

XIX.—The Romantic Movement. The reaction against classicism will be traced from its first beginnings, through its different stages to its final climax and culmination in the Age of Wordsworth. Representative works will be assigned for reading and reports will be required. Special attention will be given to Goldsmith, Burnes, Scott, Wordsworth, Coleridge, Byron, Shelly, and Keats.

First Semester. Four Hours.

XX.—The Victorian Era. The remarkable development of the novel, the essay, and poetry will be treated and representative writers in each field studied and characterized. The Pre-Raphaelite Movement and its relation to the rest of the period will be noted and discussed.

Second Semester. Four Hours.

XXI.—A Teacher's Course in English. A special course designed to meet the needs of students desiring to specialize in English and planning to teach it.

Both Semesters. Two Hours.

PUBLIC SPEAKING

These courses are in the regular college schedule and given by Dr. Edna M. Robinson, head of the English Department.

I. and II.—Elements of Public Speaking. The aim of this course is to give the student a knowledge of the fundamentals of Public Speaking. Textbook and class drill from the basis of the work. A book of selected readings is also used. Required for a degree.

Both Semesters. Two Hours.

III.—Effective Public Speaking. Advanced course designed to give the student practice in the preparation and extemporaneous delivery of effective speeches. Philip's textbook is used.

First Semester. Two Hours.

IV.—Debating. The object is to give instruction in the construction and delivery of debates on assigned or selected topics. The students come before the class as before a real audience and gain experience in thinking on their feet.

Second Semester. Two Hours.

HISTORY AND SOCIAL SCIENCE

Courses

I.—European history, 1500-1815. The aim of this course is to show the rise and development of the principal nations of modern Europe. The effort is made to explain the origin and growth of modern industrial and social life rather than to trace the fortunes of military and political leaders. The general causes leading up to the French Revolution

are emphasized. The course is intended to be introductory to all succeeding courses both as to subject matter and as to method. The textbook used is Hayes Political and Social History of Modern Europe.

Four Hours a Week, First Semester.

II.—European History, 1815-1914. A course dealing with the social and economic problems of modern times. The unification of Italy and of Germany is given special attention. The colonial and commercial rivalries leading up to the great war are traced. This course and the preceding are fundamental and must be taken as introductory to other courses in history and social science. The following courses need not be taken in any fixed order. The text-book is the second volume of Hayes.

Four Hours a Week, Second Semester.

III.—History of Great Britain. The first part of this course gives a rapid survey of the British nation to 1688. The second part is a more detailed study of the forces that have brought the Empire to its commanding position. British life is compared with American to find the elements of civilization and culture that the English-speaking peoples have in common.

Four Hours a Week, First Semester.

IV.—Recent American History. Students in this course should be grounded in the general facts of the political and social life of their country. The course deals with the larger problems confronting the American people since the Civil War. Each problem is studied separately as to its origin and as to its bearing on present life.

Four Hours a Week, Second Semester.

V.—American Colonial History. This course is not a study of the events of each colony. It begins with a survey of the conditions in Europe that led to the colonizing movement. The important topics are those showing the adaptation of European life to the wilderness and the causes that led to separation from the mother country.

Four Hours a Week, First Semester.

VI.—American National History, 1783-1865. A course dealing with the forces that have made the United States a nation. The theme is the substitution of national for local patriotism and the transformation of a simple, primitive people into a great complex modern state. The topics are

social, economic and geographical rather than political. The work is outlined from such books as Basset's history of the American People and Fish's Development of American Nationality but the greater part of the preparation of the student is from library readings.

Four Hours a Week, Second Semester.

VII.—American Constitutional Government. A study of the structure and functions of our government. Constitutional and political problems are discussed. Particular attention is given to the relations of the states to the national government, and to changes in the constitution brought about through interpretation and political practice. The course deals wholly with political and legal problems. For this reason it should be preceded by the more general study of American history.

Four Hours a Week, First Semester.

SOCIOLOGY

The following are some of the subjects that are treated most extensively: Social Psychology and Social control; social evolution; charities; criminology; population, the labor problem; social problems of the rural community; social statistics; and all of the chief principles of sociology and their application to present problems.

Texts. (First Semester) Blackmar and Gillin Outlines of Sociology.

(Second Semester) Ross' "Principles of Sociology."

First and Second Semester, Three Hours.

FRENCH

I.—Elementary Course—Grammar; pronunciation; reading of modern authors; composition; conversation.

The reading of French Novels will commence from the very first, and continue throughout the year.

Texts: L'Abbe Constantin, Columba; Carmen; LeMare au Diable, LaPetite Fadette, Frazer and Squar's Grammar.

First and Second Semester. Four times a week.

II.—Modern Prose, Poetry, and Drama. Rapid Reading of modern authors; advanced syntax and composition.

This is a rapid reading course, of the novel mainly, and an effort is made to get the student really interested in the greatest names in French literature.

Texts: Tartarin of Tarescon, Tartarin on the Alps, Mouprat, Pere Goriot, LeMaitre de Forges, Black, Tulip, etc.

First and Second Semester. Four times a week.

SPANISH

I.—Elementary Course. Grammar; pronunciation; reading of modern authors; composition; conversation.

Novels and short stories will be read from the very beginning.

Texts: Hill and Ford's Elementary Spanish Course; Cuentos Escogidos, Quatro Jinetes del Apocolypso, etc.

First and Second Semester. Four times a week.

II.—Modern Spanish. Rapid Reading of modern authors, advanced grammar; conversation and composition.

Texts: Cuentos de la America del Sur, Dona Perfecta. Los Quatro Jinetes del Apocolypso, Sangre y Arena.

First and Second Semester. Four times a week.

ITALIAN

I.—Elementary Course. Grammar; composition, conversation, reading.

Texts: Grandgents Italian Grammar, Bowens Italian Reader, Cuore, etc.

First and Second Semester. Four times a week.

GERMAN

I.—Elementary German. Pronunciation; oral and written translation from English into German; easy readings from modern prose, poetry, and drama. Three hours through year.

II.—Intermediate German. Elementary German pre-requisite. Short stories selected from the best German literature.

Three hours through the year.

- III.—**Advanced German.** Intermediate German pre-requisite. Classical Drama; "Egmont," by Goethe; "Jungfrau von Orleans," by Schiller, and similar selections by various authors. Three hours through the year.
- IV.—**Scientific German.** Discourses and readings of German publications along Scientific lines. Open only to students of German and the sciences who contemplate post graduate or research work. Time to be arranged.

GREEK COURSES

The aim of courses in this department will be distinctly practical. In addition to the mental training which comes from careful and accurate translation, the interpretation of the Greek writings will be studied with especial relation to their bearing on our modern life and its problems. Special attention will be given to the importance of Greek in transmitting to us the culture of the antique world as well as to the influence of Greek upon our own English language and literature.

This practical aim of the department will have two aspects; on the one hand to give the student an insight into ancient Attic culture through readings in the best classical Greek; and on the other hand to give the student a deeper interest and insight into the writings and teachings of the New Testament by studying them in the original Greek in which they were written.

I. and II.—**Beginning Greek.** White's First Greek Book. Xenophon's Anabasis, Book 1. This course is designed to give a reading knowledge of the language through study of forms, syntax, and vocabulary.

Four Hours a Week, First and Second Semester.
Eight Units.

III.—**Anabasis, Books II., III., and IV.** Prose composition. Historical value of the march of the Ten Thousand.

Four Hours a Week, First Semester. Four Units.

IV.—**Homer.** Selected Books of the Iliad and Odyssey. Homer's influence and importance. Study of Homeric meter.

Four Hours a Week, Second Semester. Four Units.

V.—**Plato, Apology and Crito; Xenophon, Memorabilia.** Discussion of philosophy of Socrates.

Four Hours a Week, First Semester. Four Units.

VII. and VIII.—Greek Oratory. Selections from Demosthenes and other Greek orators. Study of the development of Greek Oratory.

Three Hours a Week throughout the Year. Six Units.

IX. and X.—Rapid reading of the Greek New Testament. This course is designed to enable the student to read selected portions of the New Testament in the original Greek with comparative ease and speed. Pre-requisite: Course I. and II. or its equivalent.

One Hour a Week throughout the year. Two Units.

XI. and XII.—Gospels of Mark and Luke. Translation of the Greek and comparison with classical Greek. Interpretation of the Gospels. Class discussions on problems involved. Pre-requisite: Course I. and II.

Four Hours a Week, First and Second Semester.

Eight Units.

XIII. and XIV.—Acts and Epistles. Translation and interpretation of the Greek and Book of Acts and of selections from Paul's epistles. Discussion of Paul's work and teachings.

Four Hours a Week, First and Second Semesters.

Eight Units.

THE BIBLE

BIBLE COURSES

Believing that education should lead not only to knowledge, but also to the building of character, Whitworth College offers the following courses in Bible not merely to help the student to an understanding of the Scriptures, but also to aid the student in developing those principles of character which were in Him who has become our Master, Teacher, and Leader.

I. and II.—Life of Christ and The Gospels. A consecutive study of the main events of Christ's life as given in the gospel record. Interpretation of his teaching with especial attention to its bearing on modern life and problems.

One Hour a Week throughout the Year. Two Units.

III. and IV.—Life of Paul and The Epistles. A study of the great Apostle's life, work, and teaching as reflected in the Book of Acts and in His own writings. His influence as a missionary to the Gentile world.

One Hour a Week throughout the Year. Two Units.

V. and VI.—The Prophets. Discussion of the vital messages of the minor prophets for those emerging from national struggles. The contribution of the major prophets and their work in preparing the world for the Coming of the Messiah.

One Hour a Week throughout the Year. Two Units.

VII.—The Psalms. General survey of these masterpieces of literature. Critical and devotional study of individual psalms.

One Hour a Week, First Semester. One Unit.

VIII.—Wisdom Literature. Brief survey of the Books of Job, Proverbs, Ecclesiastes, and Songs of Solomon.

One Hour a Week, Second Semester. One Unit.

IX. and X.—Rapid Reading of the Greek New Testament. Selections from the New Testament are read in the original language. Discussions and interpretation based on the Greek. Pre-requisite: Greek I. and II. or its equivalent.

One Hour a Week throughout the Year. Two Units.

DEPARTMENT OF MATHEMATICS

Courses

Courses I. to V. form a sequence which should generally be taken in the order named before any of the more advanced courses. Courses VII.-XIII. may then be taken in any order.

Courses I. and II. are required of all candidates for the B. S. degree; I.-V. and twelve hours selected from VI.-XIII. of all candidates for the B. S. degree pursuing the Mathematical course.

Courses IV. and V. are the most important of the mathematical courses, and should be taken by all students who desire a conception of the power and wide usefulness of mathematics. Their subject matter permeates all higher mathematics and finds countless applications in engineering and other scientific problems.

Courses I.-V. will be given every year. Not more than eight hours of the remaining courses will be given in any single semester.

I.—Plane Trigonometry. The trigonometric functions and their properties. Use of logarithms. Solution of triangles. Trigonometric equations. Circular measure. History of trigonometry. Numerous applications. Pre-requisite: Plane Geometry and at least one year of Algebra. Required of all candidates for a B. S. degree.

Both Semesters. Four Hours.

- II.—College Algebra. Review of elementary Algebra with emphasis on fundamental principles. Development of functional notation. Progressions. Variations. Complex numbers. Binominal Theorem. Logarithms. Permutations and Combinations, Series. Determinants. Elementary theory of equations. Graphic methods used constantly. Pre-requisite: Course I. Required of all candidates for a degree.
First Semester. Four Hours.
- III.—Analytic Geometry. Equations of curves in rectangular and polar co-ordinates. Algebraic study of the conic sections and more common higher plane curves. General equation of second degree. Introduction to Solid Analytic Geometry. Pre-requisite: Courses I. and II. Required of all candidates for the B. S. degree.
Second Semester. Four Hours.
- IV.—Calculus I. Theory of limits. Differentiation and integration of the algebraic and elementary transcendental functions. Simpler applications to geometry, algebra, physics and mechanics. Pre-requisite: Course III. Required of all candidates for the B. S. degree.
First Semester. Four Hours.
- V.—Calculus II. Further study of differentiation and integration, especially of functions not considered in Course I. Improper and multiple integrals. Series. Methods of approximation. More advanced applications. Pre-requisite: Course IV. Required of all candidates for the B. S. degree in the Mathematical course.
- VI.—Mechanics. An elementary course, treating the general principles of forces and their effects, without the use of Calculus. Pre-requisite: Course I.
Second Semester. Two Hours.
- VII.—Solid Analytic Geometry. Systems of co-ordinates. Equations of line and plane in space. Systematic study of the quadric surfaces.
Either Semester. Four Hours.
- VIII.—Theory of Equations. Theory of determinants. Complex numbers. General properties of polynomials and of equations. Solution of higher degree equations.
Either Semester. Four Hours.

IX.—Advanced Calculus. Theory of integration. Advanced applications to geometry of plane and space. Study of hyperbolic, Beta, and Gamma functions. Introduction to Fourier Series.

Either Semester. Four Hours.

X.—Elliptic Integrals. Lectures on the development of the Legendre theory of integration. Extension to the elliptic functions. Applications.

Either Semester. Four Hours.

XI.—Ordinary Differential Equations. Solution of the more common types of differential equations, especially of the first and second order. Geometric interpretation. Application to geometry, physics and astronomy.

Either Semester. Four Hours.

XII.—History of Mathematics. Readings and reports on the development of the science. Thesis required. Emphasis on relation of history to pedagogy of mathematics. Open to students at option of instructor.

Either Semester. Two Hours.

XIII.—Pedagogy of Secondary Mathematics. A course for students intending to teach High School mathematics.

Either Semester. One or Two Hours.

ENGINEERING COURSES

The college does not propose, at the present time, to attempt to establish courses and give degrees in the various engineering professions. Such technical and diversified instruction will be added later. The object of these beginning courses is to lay the foundation for a high-class technical school in connection with Whitworth College and for the present to make it possible for young men who desire to take up engineering work, to get the first two years of their college training near home thus saving the much greater expense made necessary by beginning in the large technical schools of the east. These outlined courses in engineering correspond to the work given in the first two years at recognized engineering schools. Advanced work will be offered in Science, Mathematics and Civil Engineering to students who desire to make the full four-year course leading to the degree of Bachelor of Science.

In any event, the student is advised to complete a four-year course whenever it is at all possible. Work classed as general studies can thus be dispensed with and more time given to spe-

cialized discourse. A full knowledge of these general studies (History, English, Languages, Political Science, Etc.), acquired in the four-year course at Whitworth College but not necessarily required in technical schools, will be of great value in further study and in actual engineering practice.

Applied Mathematics

I.—Plane Surveying. A course of three one-hour exercises each week throughout the first term of the second year, consisting of lectures and recitations on the various surveying methods, supplemented by exercises in the field and drafting-room. The field work consists of the manipulation and use of the chain, compass, transit and level. Actual surveys are made along with the necessary computations and scale of drawings, profiles, and contour maps.

II.—Advanced Surveying. Lectures and exercises on triangulation, astronomical observations for azimuth, latitude and time; precise leveling, stadia and plane-table surveys. These exercises are supplemented by field work, computations and map work.

Two Hours per Week, Both Semesters.

III.—Railroad Engineering. A short course in the study of railroad curves and earth work and their application in location and construction. The course is supplemented by field and office work.

Three Hours per Week for One Semester.

IV.—Hydraulic Engineering. A short course covering the principles of hydrostatic and hydrodynamic pressure, the flow of water through pipes, open channels, and over wires; with special attention to problems in irrigation. The work is supplemented by field work in steamgaging.

Three Hours per Week for One Semester.

V.—Applied Mechanics. A short course in the study of statics, consisting of the general methods and applications of statics, including the determination of reactions, and stresses in frames; of distributed forces, center of gravity and moment of inertia, with special attention to problems in timber construction.

Four Hours per Week for One Semester.

VI.—Mechanism. A brief course in the study of levers, pulleys, links, and various mechanical devices.

One Hour per Week for One Semester.

VII.—Mechanical Drawing. The use of instruments and a study of various geometrical constructions.

Either Semester. Two Hours.

VIII.—Descriptive Geometry. Projection of points, lines and planes; intersection of simple geometrical forms; rotation of points, lines and planes; development.

Either Semester. Two Hours.

DEPARTMENT OF PHYSICS

Courses

I.—General Physics. Experimental lectures and laboratory work in Mechanics and the Properties of Matter, Sound and Heat. The outline as given by Reed and Guthrie is followed and special topics in outside readings are required each week. Pre-requisite: High School Physics and Mathematics I. and II.

3 Classes and 2 Laboratory Periods. First Semester.

II.—General Physics. Continuation of Course I. Magnetism, Electricity and Light.

3 Classes and 2 Laboratory Periods. Second Semester.

III.—Electricity, Magnetism and Heat. A course in electrical measurements and a review of heat.

2 Classes and 2 Laboratory Periods per Week.

Both Semesters.

VI.—The Teaching of Physics. A course for those who desire to teach physics in the high schools, consisting of lectures, reports and discussions of subject matter, text-books, methods selection of laboratory work and laboratory manuals, laboratory arrangement, ordering apparatus, and other practical matters will be discussed.

2 Class Periods per Week.

Second Semester.

DOMESTIC SCIENCE

Cooking

I.—Principles of Cookery. The purpose of this course is to give a working knowledge of the principles of cookery.

II.—Preparation of Meals and Table Service. This course gives practice in home cooking, including the planning, cooking, and serving of meals, and table service.

Second Semester.

III. and IV.—Household Chemistry. This course includes a study of: Water; liquid and gaseous fuels; hydrocarbons; carbohydrates; fats, their classification, properties, soap making; proteins, baking powders; tea, coffee, cocoa.

Two Semesters. Four Hours.

V.—Dietetics. This course deals with the nutritive requirements of the individual in health and disease, throughout infancy, childhood, adolescence, adult life, and old age, in the light of chemistry and physiology of digestions, the energy value of food, the nutritive properties of fats, proteins, and carbohydrates, and ash constituents. A large part of the work consists in the planning of typical dietaries. One Semester. Two Hours Lectures and Four Hours Laboratory.

Electives

VI.—Large Quantity Cookery and Catering. This course will include the preparation and serving of refreshments for small functions such as afternoon teas, buffet luncheons, and suppers.

One Semester. Six Laboratory Hours.

VII.—Demonstration Cookery. This course acquaints the student with the more complicated processes of cookery, more elaborate utensils, and a greater variety of flavorings.

One Semester. Three Hours a Week.

IX.—Housewifery. This course includes the planning of the daily routine, care of house, study of labor-saving appliances, house furnishings, and their cleaning and care.

One Semester. One Hour Lecture and Two Hours Laboratory.

DOMESTIC ART

Courses

I.—Plain Sewing and Textiles.

One Semester. Four Hours.

II.—Dressmaking and a study of the clothing budget.

One Semester. Six Hours.

III.—Fine Needlework (elective).

One Semester. Four Hours.

IV.—Pattern Drafting. This course includes the drafting of type patterns and making models.

One Semester. Six Hours.

V.—Textile Chemistry.

One Semester. Two Hours.

HOUSEHOLD ECONOMICS

Courses

I.—Home Structure and Furnishing. This course will include a study of types of house, their cost, and suitable furnishings.

One Semester. Two Lectures.

II.—Hygiene. This course will cover the principles of personal and community hygiene and the prevention of disease.

One Semester. Two Hours.

III.—Home Nursing. The work will include first aid, care of the sick, care and sanitation of the sickroom, and invalid diet.

One Semester. Two Hours.

IV.—Household Economics. This course deals chiefly with a history of the budget, the family income and its expenditure, the budget system and the planning of budgets of various types.

One Semester. Two Hours.

V. and VI.—Theory of Teaching Domestic Art and Science. This course will include a review of general principles of pedagogy, the relation of the Home Economics work to the general course of study, methods of teaching Household Arts, and the planning of the course of study.

Two Semesters. Two Hours.

VII.—Practice Teaching. Each student will be given the opportunity to teach classes in Home Economics under supervision.

One Semester. Two Hours a Week.

DEPARTMENT OF BIOLOGY

Courses

The aim of the courses in Biology outlined below is to acquaint the student with the laws governing life as well as with the habits of growth and life histories of representative forms of both plant and animal life. These courses aim not only to give the student a broad view of plant and animal structures and classifications but also the vital activities, functionings, and relationships of plants and animals, imparting such fundamental and practical information as shall form a strong foundation for students contemplating professional work in pure or applied sciences. General sciences given every year; special sciences given only when demanded. Seminars arranged for those qualified. Outside readings assigned.

I.—General Biology. A course intended for those who have had no biological science in high school and who are not majoring in science. The course begins with a discussion of simple plants and simple invertebrate animals, closing with a discussion of human physiology. The physiological point of view is emphasized throughout. This course is especially recommended for Liberal Arts students electing Biology for one year of required science. Lectures 2 hours. Laboratory, 6 hours.

First Semester. Four Hours.

II.—General Biology. Continuation of Biology I, which is prerequisite. Lectures, 2 hours. Laboratory, 6 hours.

Second Semester. Four Hours.

III.—General Botany. A course in Classification, plant structures, and taxonomic botany. It begins with a study of the simple plants and leads through algae and fungi. In September and October, while fresh plants are available, the time is spent in systematic botany. Lectures, 2 hours. Laboratory, 6 hours.

First Semester. Four Hours.

IV.—General Botany. Continuation of Biology III. A study of the mosses, ferns, and seed plants. May and June are spent largely in work in systematic botany. Lectures, 2 hours. Laboratory, 6 hours.

Second Semester. Four Hours.

V.—Invertebrate Zoology. A course in comparative anatomy beginning with a study of simple animals as Paramecium and studying both land and marine forms of invertebrate animals. Lectures, 2 hours. Laboratory, 6 hours.

First Semester. Four Hours.

VI.—Vertebrate Embryology. Lectures consist of discussion of development of vertebrates. Laboratory work on development of chick. Lectures, 2 hours. Laboratory, 6 hours.

VII.—Vertebrate Zoology. This is intended to follow Biology V. and consists of a study of comparative anatomy in vertebrate animals. Discussion of an Elasmobranch, Amphibian, Reptile, Bird, and Mammal. Lectures, 2 hours, Laboratory, 6 hours.

First Semester. Four Hours.

VIII.—Histology. A study of Microscopic structure of tissues. Practical laboratory technique, which includes the fixing, staining, embedding and mounting of tissues. Lectures, 2 hours. Laboratory, 6 hours.

Second Semester. Four Hours.

IX.—Genetics. A study of heredity in plants and animals. Lecture, 3 hours.

X.—Cytology. A microscopic study of the cell. Laboratory work includes practical technique. Lecture, 2 hours. Laboratory, 6 hours.

XI.—Cytology, Histology, Entomology, Embryology. Given as seminar courses when called for.

CHEMISTRY

I.—General Inorganic Chemistry. A course arranged for all science students. Lectures with experimental illustration and recitations dealing with the fundamental laws and theories of chemistry, together with a study of the elements and their more important compounds. Three hours, first semester.

II.—Inorganic Chemistry. A continuation of course I., leading to a study of the rare metals and important industrial processes. Three hours, second semester. Pre-requisite: courses I and A.

- III.—**Organic Chemistry.** Lectures with experiments and recitations treating of the typical compounds of carbon, and important commercial products of Organic Origin. Three hours, first semester. Pre-requisite: courses II. and B.
- IV.—**Organic Chemistry.** Continuation of Course III. treating of the the more important classes of organic substances. Three hours, second semester. Pre-requisite: courses III. and C.
- V.—**Industrial Chemistry.** Lectures on important industrial processes: e. g., the cement, steel, and iron industries; wood preservation and forest products; the cane sugar and beet sugar industries; soil reclamation and irrigation waters; quartz and hydraulic mining inclusive of intelligent prospecting, mining law, and mine development with recognition of the more important ores. One hour, throughout the year. Pre-requisite: courses IV.

LABORATORY COURSES

One is educated to the extent that he is able and willing to serve. Without intelligent physical effort, there can be neither progress nor culture. Careful notes must be kept in connection with each laboratory course, stating clearly and concisely each investigation and deduction. These notebooks will be carefully examined. A laboratory fee of \$7.50 per year, will be required to cover actual cost of material used in each course. In addition to the laboratory fees, each student in the laboratory course makes a deposit of \$2.00 against breakage, the unused portion of which is returned at the end of the year.

A suitable fee will be arranged for special students desiring more than the prescribed laboratory periods. Three laboratory hours are equal to one university hour, except in preparatory work.

- A.—**Experimental Chemistry.** A laboratory course enabling the student to become familiar with chemical reactions and to draw conclusions from personal investigations. This course supplements course I. Six hours, first semester.
- B.—**Qualitative Analysis.** A course designed especially to enable the student to recognize the constituents of ores, mineral substances, and important commercial products. Six hours, second semester. Pre-requisite: courses I. and A.

- C.—**Quantitative Analysis.** Gravimetric and volumetric methods leading to smelter schemes of ore. Hours to be arranged. Pre-requisite: courses II. and B.
- D.—**Organic Preparations.** The preparation and study of the chemical behavior and properties of the typical organic compounds. Time to be arranged. Pre-requisite: courses III. and C.
- E.—**Organic Preparations.** A continuation of course D, leading to organic analysis and special problems. To be arranged.
- F.—**Sugar Chemistry.** A Laboratory course enabling students to become familiar with the analytical methods practiced by the sugar factory and refinery. By means of the polariscope the sugars and other important carbohydrates and biproducts will be tested. Course open only to students in advanced Organic Chemistry.
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PREPARATORY CHEMISTRY

Lecture and Laboratory work will be offered to students who have had a year of General Science or an equivalent. Three lectures and four laboratory hours being required for five credits.

ASSAYING

- G.—**Fire assay and wet methods for the determination of the common metals of ores, concentrates, etc.** Hours to be arranged. Pre-requisite: courses II. and C. Not offered for 1922-23.
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SPECIAL COURSE FOR MINING MEN

- H.—This is not a "short course," but is arranged to occupy the full time daily of the mature student during the entire college year. The trend of the course is toward intelligent prospecting and the chemical examination of ores and minerals in the field. Most of the time will be spent in

actual laboratory work in the rapid determination of the metals occurring in ores and by means of blowpipe, chemical tests, etc.

Lectures. During the course lectures will be offered weekly upon quartz and hydraulic mining, mine locations, mine development, mining law, the patenting of claims and the factors influencing economic quartz mining. This course should lead toward intelligent mine investment. No previous training or experience is required in this course. The laboratory period will be from 9 to 12 and from 1 to 4 daily. Charge to be arranged.

GEOLOGY

I.-II.—**General Geology.** Two hours per week during the year with occasional laboratory periods and field excursions. Students are advised to study chemistry concurrently. Text: "Introductory Geology," Chamberlin and Salisbury. Open only to Junior and Senior students.

ENGLISH

Freshman Year

First Semester	Hours	Second Semester	Hours
English I.....	4	English II.....	4
Foreign Language	4	Foreign Language	4
Mathematics I.....	4	Mathematics II.....	4
Bible	1	Bible	1
Chemistry I. or Biology I. or V.....	4	Science continued.....	4

Sophomore Year

English III.....	4	English IV.....	4
Foreign Language	4	Foreign Language	4
History and Social Science....	3	History and Social Science....	3
Public Speaking.....	4	Bible	1
Bible	1	Elective	4

Junior Year

First Semester		Second Semester	
	Hours		Hours
English (Elective)	4	English (Elective)	4
Foreign Language	4	Foreign Language	4
History and Social Science...	3	History and Social Science...	3
Bible	1	Bible	1
Elective	4	Elective	4

Senior Year

English (Elective)	4	English (Elective)	4
Foreign Language	4	Foreign Language	2
Philosophy IV. or Philosophy II. (Psychology)	3	Philosophy IV. or Philosophy II. (Psychology)	3
Bible	1	Bible	1
		Elective	5

HISTORY AND SOCIAL SCIENCE

Freshman Year

First Semester		Second Semester	
	Hours		Hours
History I.	3	History II.	3
English	4	English	4
Mathematics	4	Mathematics	4
Modern Language	4	Modern Language	4
Bible	1	Bible	1

Sophomore Year

History III.	4	History IV.	4
Science	4	Science	4
English	4	English	4
Physical Training	1	Physical Training	1
Bible	1	Bible	1
Electives	2	Electives	2

Junior Year

History V.	4	History VI. or VII.....	4
Philosophy (Psychology)	3	Philosophy (Ethics)	3
Physical Training	1	Physical Training	1
Bible	1	Bible	1
Electives	7	Electives	7

Senior Year

First Semester		Second Semester	
	Hours		Hours
History VIII.	4	History IX.	4
Bible	1	Bible	1
Electives	11	Electives	11

MODERN LANGUAGES

Freshman Year

First Semester		Second Semester	
	Hours		Hours
*German I. or French I. or Spanish I.	4	German II. or French II. or Spanish IV.	4
English I.	4	English II.	4
Mathematics I.	4	Mathematics II.	4
Latin I.	4	Latin II.	4
Bible	1	Bible	1

Sophomore Year

*German III. or French III. or Spanish III.	4	German IV. or French IV. or Spanish IV.	4
English III.	4	English IV.	4
Hist. and Social Science III.	3	Hist. and Social Science IV.	3
Language beside major.	4	Language beside major.	4
Bible	1	Bible	1

Junior Year

German or French V.	3	German VI. or French VI.	3
Philosophy V.	4	Philosophy III.	4
Language beside major.	4	Language beside major.	4
Biology or Chemistry or Physics	4	Biology or Chemistry or Physics	4
Bible	1	Bible	1

Senior Year

German VII. or French VII.	3	German VIII. or French VIII.	3
Language beside major.	4	Language beside major.	4
Bible	1	Bible	1
Elective	8	Elective	8

*Modern language requirements: 4 years of one language, as major; 3 years of language, other than major.

GREEK

Freshman Year

First Semester		Second Semester	
	Hours		Hours
Greek I.	5	Greek II.	5
Latin I.	4	Latin II.	4
English I.	4	English II.	4
Mathematics I.	1	Mathematics II.	4
Bible	1	Bible	1

Sophomore Year

Greek III.	4	Greek IV.	4
Latin III.	4	Latin IV.	4
English III.	4	English IV.	4
Hist. and Soc. Science III.	3	Hist. and Soc. Science IV.	3
Bible	1	Bible	1

Junior Year

Greek V.	3	Greek VIII.	3
Modern Languages I.	4	Modern Languages	4
Hist. and Soc. Science VIII.	4	Hist. and Soc. Science IX.	4
Science	4	Science	4
Bible	1	Bible	1

Senior Year

Greek VII.	3	Greek VIII.	3
Philosophy II.	3	Philosophy III.	3
Bible	1	Bible	1
Elective	8	Elective	8

MATHEMATICS

Freshman Year

First Semester		Second Semester	
	Hours		Hours
Mathematics I.	4	Mathematics II.	4
English I.	4	English II.	4
Biology	4	Biology	4
German or French I.	4	German or French II.	4
Bible	1	Bible	1

Sophomore Year

First Semester		Second Semester	
	Hours		Hours
Mathematics III.	4	Mathematics IV.	4
Chemistry I.	4	Chemistry II.	4
History I.	3	History II.	3
German or French III.	3	German or French IV.	3
Bible	1	Bible	1

Junior Year

Mathematics V.	3	Mathematics V.	3
Physics I.	4	Physics II.	4
Philosophy II.	3	Philosophy III.	3
Elective	4	Elective	4
Bible	1	Bible	1

Senior Year

Mathematics (Elective)	4	Mathematics (Elective)	4
English III.	4	English IV.	4
Social Science	4	Social Science	4
Elective	4	Elective	4
Bible	1	Bible	1

HOME ECONOMICS

Freshman Year

First Semester		Second Semester	
	Hours		Hours
Domestic Science I.	4	Domestic Art I.	4
Chemistry I.	4	Chemistry II.	4
English I.	4	English II.	4
Bible	1	Bible	1
History	4	History	4

Sophomore Year

Domestic Science II.	4	Domestic Art. II.	4
Domestic Science III.	4	Domestic Science IV.	4
Biology (Human biology and physiological chem.)	4	Biology	4
English III.	4	English IV.	4
Bible	1	Bible	1

Junior Year

First Semester	Hours	Second Semester	Hours
Home Economics I.....	2	Home Economics III.....	2
Domestic Art IV.....	4	Domestic Art V.....	1
Bible	1	Bible	1
French I.	4	French II.	4
Home Economics III.....	2	Home Economics IV.....	2
Electives	4	Electives	7

Senior Year

Domestic Science VII.....	4	Home Economics VI.....	2
Home Economics V.....	2	Home Economics IV.....	2
Bible	1	Bible	1
French III.	4	French IV.	4
Social Science	4	Social Science	4
Electives	2	Electives	4

BIOLOGY

Freshman Year

First Semester	Hours	Second Semester	Hours
Biology	4	Biology	4
English I.	4	English II.	4
Mathematics	4	Mathematics II.	4
German I. or French I. or Spanish	4	German II. or French II. or Spanish	4
Bible	1	Bible	1

Sophomore Year

Biology	4	Biology	4
Physics I.	4	Physics II.	4
German III. or French III. or Spanish	4	German IV. or French IV. or Spanish	4
English III.	4	English IV.	4
Bible	1	Bible	1

Junior Year

Biology	4	Biology	4
Chemistry I.	4	Chemistry II.	4
Hist. and Social Science...3 or 4	4	Hist. and Social Science.....	4
Bible	1	Electives	4
Electives	4	Bible	1

Senior Year

First Semester		Second Semester	
	Hours		Hours
Biology, Elective	4	Biology, Elective, or Physics	4
Philosophy	3	Philosophy	3
Hist. and Social Science.....	4	Hist. and Social Science.....	4
Bible	1	Bible	1
Electives	4	Electives	4

DEPARTMENT OF CHEMISTRY**Freshman Year**

First Semester		Second Semester	
	Hours		Hours
Chemistry I.	5	Chemistry II.	5
English I.	4	English II.	4
Mathematics I.	4	Mathematics II.	4
German, French or Spanish..	4	German, French or Spanish..	4
Bible	1	Bible	1

Sophomore Year

Chemistry III.	4	Chemistry IV.	4
Physics I.	4	Physics II.	4
German, French or Spanish..	4	German, French or Spanish..	4
English III.	4	English IV.	4
Bible	1	Bible	1

Junior Year

Chemistry	4	Chemistry	4
Biology	4	Biology	4
Philosophy II.	3	Philosophy III.	3
Elective	8	Elective	4
Bible	1	Bible	1

Senior Year

Physics	4	Biology	4
Hist. and Social Science.....	4	Hist. and Social Science.....	4
Elective	8	Elective	8
Bible	1	Bible	1

FIRST YEAR FOR ALL COURSES IN ENGINEERING AND NATURAL SCIENCE

First Semester	Hours	Second Semester	Hours
College Algebra	4	Mechanical Drawing	4
Inorganic Chemistry	2	Analytical Geometry	4
Chemistry Laboratory	6	Inorganic Chemistry	2
English	4	Descriptive Geometry	4
Trigonometry, Plane and Spherical	4	Chemistry Laboratory	6

SECOND YEAR COURSE, MECHANICAL, CIVIL, ELECTRICAL ENGINEERING AND MATHEMATICS

Majoring in Mathematics

First Semester	Hours	Second Semester	Hours
Physics	3	Physics	5
Physics Laboratory	6	Physics Laboratory	6
German	3	German	3
Calculus	3	Calculus	3
Plane Surveying	4	Applied Mechanics	4
History	3	Engineering Drawing two Periods	4
Mechanism	1		

SECOND YEAR COURSE FOR PHYSICAL AND CHEMICAL ENGINEERING

Majoring in Physics and Chemistry

First Semester	Hours	Second Semester	Hours
Physics	3	Physics	3
Physics Laboratory	6	Physics Laboratory	6
German or French	3	German or French	3
Calculus	3	Calculus	3
Mechanism	1	Chemistry, Qualitative Analysis	2
Chemistry, Qualitative Analysis	2	Chemistry Laboratory	9
Chemistry Laboratory	9		

SECOND YEAR COURSE, SANITARY ENGINEERING
Majoring in Chemistry

First Semester		Second Semester	
	Hours		Hours
Physics	3	Physics	5
Physics Laboratory	6	Physics Laboratory	6
Calculus	3	Calculus	3
German	3	German	3
Chemistry, Qualitative Analysis	2	Chemistry, Qualitative Analysis	2
Chemistry Laboratory	9	Chemistry Laboratory	9
Plane Surveying	4	Engineering Drawing, Two periods	4

**SECOND YEAR COURSE, BIOLOGY AND PUBLIC
HEALTH**
Majoring in Biology

First Semester		Second Semester	
	Hours		Hours
General Biology, Lectures....	2	General Biology, Lectures....	2
Biology Laboratory	6	Biology Laboratory	6
Chemistry, Qualitative Analysis	2	Chemistry, Qualitative Analysis	2
Chemistry Laboratory	9	Chemistry Laboratory	9
Physics	3	Physics	5
Physics Laboratory	6	Physics Laboratory	6
German	3	German	3
Mathematics	3		

SCIENTIFIC GERMAN AND FRENCH

Students will receive instruction in German and French according to Laboratory System, which is known as Scientific German or French, and is given to meet the requirements of any technical school selected for Junior and Senior year. Each student is occupied as in laboratory and assisted personally in acquiring well a special vocabulary relating to his chosen science.

PRE-MEDICAL COURSE

Inquiries are frequently made about the kind of course one should take in college for admission to post-graduate work in a school of medicine. There seems to be no recognized pre-medical course, for the reason that there are so many classes of medical schools. All of the first-class medical schools require for entrance the completion of a course in an accredited college. This undergraduate course must include certain credits in Chemistry, Physics, Biology, Mathematics, German, French and English.

Whitworth College graduates who have in recent years elected medicine as their post-graduate work have gone to the Johns Hopkins School of Medicine. They have all been accepted with full credit and have been gratifyingly successful.

The College offers the following outlined courses, leading to the B. S. degree, which fully satisfy the present medical requirements of Johns Hopkins, and other institutions of equal standing.

In addition to the Mathematics and Physics required for entrance to the Engineering Courses, the Pre-medical course requires two years of Latin.

Pre-Medical Course in Outline

First Year

First Semester		Second Semester	
	Hours		Hours
Inorganic Chemistry	3	Inorganic Chemistry	3
Chemistry Laboratory	6	Chemistry Laboratory	6
English	4	English	4
Mathematics	4	Mathematics	4
German	4	German	4

Second Year

First Semester		Second Semester	
	Hours		Hours
Qualitative Analysis	2	Qualitative Analysis	2
Chemistry Laboratory	9	Chemistry Laboratory	9
Mathematics	4	Mathematics	4
French	4	French	4
German	4	German	4

Third Year

First Semester		Second Semester	
	Hours		Hours
Human Physiology	2	Histology	2
Physiology Laboratory	6	Histology Laboratory	6
English	4	English	4
Physics	3	Physics	5

SECRETARIAL COURSE

Freshman

First Semester	Second Semester
Shorthand	Shorthand
Typewriting	Typewriting
Bookkeeping	Bookkeeping
English	English

Sophomore

Adv. Eng. Comp.	Adv. Eng. Comp.
Psychology	Sociology
General Economics	Prin. of Educ.
Dictation	Dictation
Foreign Lang. or Elective	Foreign Lang. or Elective

Junior

Statistical Methods	Elements of Reporting
Bus. Correspondence	Bus. Finance

Senior

Secretarial Research	Secretarial Research
Secretarial Training	Secretarial Training
Law	Law
Contemporary Lit.	Contemporary Lit.
Foreign Lang. or Elective	Foreign Lang. or Elective

COMMERCIAL TEACHING

Freshman

First Semester	Second Semester
Shorthand	Shorthand
Typewriting	Typewriting
Bookkeeping	Bookkeeping
English	English

Sophomore

First Semester	Second Semester
Adv. English Comp.	Adv. English Comp.
Psychology	Sociology
General Economics	Principles of Education
Accounting	Accounting

Junior

High School Curriculum	Methods of Teaching
Bus. Correspondence	Office Management
Business Finance	Public Speaking
Statistical Methods	Advanced Economics
Foreign Lang. or Elective	Foreign Lang. or Elective

Senior

Practice Teaching	Practice Teaching
Secretarial Training	Secretarial Training
Commercial Teacher's Course	Commercial Teacher's Course
Law	Law
Foreign Lang. or Elective	Foreign Lang. or Elective

DEPARTMENT OF MUSIC

Courses

PIANO

(Full Course for Graduation)

Requirements: The ability to play scales, major and minor, in simple forms in sixteenth notes at metronome speed. To play with due regard to tempo, fingering, phrasing and expressions, studies of the grade of Bertini Op. 29, or Mozart Sonata in C.

Intermediate Grade, Two Years

- Piano—
1. All major and minor scales and arpeggios.
 2. Studies of the grade of (a) Czerny Velocity Studies Book I., or (b) Cramer (Von Buelow edition) Book I.
 3. Mozart Sonatas 4, 5, 6, or 7 (Cotta Ed.).
Haydn, Sonata E flat.
Bach, two and three part Inventions.
Beethoven, Rondo in C.

Sight Playing.

Recital Class, including concert department.

Advanced Grade, Two Years

- Piano**—1. Chopin Etudes.
 Clementi Gradus ad Parnassum.
 Czerny Op. 740.
2. Bach well tempered clavichord (Tausig or Busoni editions).
 Beethoven Sonatas, Op. 53, 26, etc.
 Schumann—Forest Scenes, Op. 82.
 Modern Composers.
3. Concertos by Mozart, Mendelssohn and Rubinstein.
- Sight Playing.**
Accompanying.
Recital Class.

ORGAN

For students who have completed the following Piano work: Studies of the grade of Czerny, Op. 299; Bach Two-part Inventions: Sonatas of the grade of the Mozart in D (Schirmer No. 14); Salon and recital music.

Intermediate Grade, Two Years

Manual and pedal technique. Short pieces involving the fundamental principles of registration. Mendelssohn's organ works. The smaller preludes and fugues of Bach and the easier pieces of the modern French school. Class work in church service playing.

Advanced Grade, Two Years

Rheinberger and Merkel Sonatas. The larger organ works of Bach. Class lessons in the history of the organ and organ music. Advanced works of the modern French, English and American schools.

VOICE

Requirements: Suitable foundation in the elements of music in playing and in reading music, combined with vocal ability.

Intermediate Grade, Two Years

Voice development. Technical studies. English and foreign songs of the grade of any by MacDowell or Schubert. French, Italian or other songs of the grade of "Star Vicino", "Salvator Rosa", or "L'Heure Exquise", Hahn.

Advanced Grade, Two Years

German Lieder (Schubert, Schumann, Franz, Brahms, Wolf, etc.) or other songs of similar grade. Suitable technical studies. Oratorio and Opera recitatives and arias. The study of style, finish, artists' repertoires, program making and teaching methods.

Additional subjects recommended to all Voice students: English, French, German or Italian diction, and History.

VIOLIN

Requirements: The ability to play with due regard to bowing, fingering, tone, intonation and expression, such studies as those by Dont (Op. 37), Maza S. (Op. 36) and Kreutzer, and pieces of the grade of the moderately difficult solos by Wieniawski, Godard, and Ries.

Intermediate Grade, Two Years

Development of tone and groundwork of technique. Sonatas of the 17th and 18th centuries, including those of Corelli, or Handel, Concertos of Viotti, Kreutzer or de Beriot. Sonatas of Handel or Schubert. Salon music. Study of scales and arpeggios.

Advanced Grade, Two Years

Concertos of Bach, Vivaldi or Mozart. Study of chamber music. Sonatas of Beethoven, Gade or Grieg. Advanced scales and arpeggios, including double stopping. Concertos of Bruch, Wieniawski, Vieuxtemps. Sonatas of Bach.

Additional subjects recommended to Piano, Organ and Violin students: English, French, History or Physics.

THEORETICAL STUDIES FOR ALL COURSES**Intermediate Grade, Two Years**

Harmony.
Theory.
Solfeggio and Dictation.
Lectures in Musical History.

Advanced Grade, Two Years

Harmonic Analysis.	} Not required for voice students.
Counterpoint.	
Theory.	
Lectures on Orchestral Instruments.	
Musical Appreciation.	

Musical Diploma

Each course is designed to equip the student for a career as teacher or soloist, or both, and diplomas are granted accordingly. A high school education, or its equivalent, is necessary for a student working for a music diploma.

Special Certificates and College Credits

Special students (those not wishing to pursue a full course) may register for any study or combination of studies desired, and receive certificates giving them credit for the work done. The music department offers to assist its students in electing collateral subjects to apply on a college diploma. The following subjects are recommended to supplement a music course:

- I. Year English.
- II. Year History.
- III. Year Physics.
- IV. Year Elective.

(Music Expenses: See under College Expenses)

DEPARTMENT OF ART

Courses

Art I and II—Drawing in light and shade from casts. Sketching from life. Painting from still life.

First Semester. Two Hours.

Art III. and IV.—Drawing from life and painting from still life. Out-of-door sketching.

Second Semester. Two Hours.

Art V.—Theory of Design—hue, tone and color harmonies. Craft work in leather. Decorative China.
Free to all Art students.

Both Semesters. One Hour.

Art VI.—General History of Art. The Masterpieces of Architecture, Sculpture and Painting.

The course begins with Egypt and follows the main stream of European civilization to the Italian decadence. The Greek and Renaissance periods receive the chief emphasis.

LIST OF STUDENTS 1921-1922

Auld, Margaret	Spokane	Preparatory 4
Banks, Ella	Spokane	Preparatory 2
Barber, Delilah	Wenatchee	College 1
Barnes, LaVerne	Spokane	College 1
Barton, Roland	Spokane	College 1
Boyington, Vaughn	Spokane	College 1
Boynton, Charles	Spokane	College 1
Brand, Eleanor	Spokane	Preparatory 1
Buck, Lucille	Spokane	College 1
Cameron, Jack	Spokane	Preparatory 3
Campbell, Lester	Spokane	Preparatory 3
Cassill, Miriam	Spokane	College 3
Dodd, Bernice	Spokane	Preparatory 2
Ennis, Owen	Seattle	College 3
Farr, Dorothy	Spokane	College 3
Floren, Vernon	Spokane	Preparatory 1
Gill, Wallace	Spokane	College 1
Gillie, Clarence	Spokane	College 2
Gillie, Gordon	Spokane	Preparatory 1
Gilliland, Consuelo	Harrington	Preparatory 2
Gillogly, Glen	Spokane	Preparatory 1
Gilmore, Bertie	Spokane	College 1
Graham, Edna	Spokane	College 3
Henry, Donald J.	Spokane	College 3
Henry, Frank B.	Spokane	College 1
Hess, Mildred	Spokane	College 1
Hollingsworth, Eirene	Spokane	Preparatory 4
Hollingsworth, Florence	Great Falls, Mont.	Preparatory 3
Horn, Henry	Spokane	Preparatory 3
Horn, Richard	Spokane	Special
Horn, Walter	Spokane	Special
Houston, Chester	Spokane	Special
Howland, Everett	Spokane	Preparatory 2
Israel, Naomi	Spokane	Preparatory 2
Lajoie, Elsie	Spokane	Preparatory 4
Lochhead, LeEtta	Spokane	Preparatory 1
Lochhead, Robert	Spokane	Preparatory 1
McBride, Frank	Spokane	Preparatory 4
McMahon, Frank	Kimberley, B. C.	College 1
McMahon, George	Kimberley, B. C.	College 2
McMahon, John	Coalmont, B. C.	College 1
Malott, Virginia	Spokane	Preparatory 3

Marks, Arthur	Spokane	Preparatory 1
Marks, John	Spokane	Preparatory 2
Miller, Marthalena	Spokane	Preparatory 3
Miller, Sara	Spokane	College 1
Mitchem, Alfred	Spokane	Preparatory 1
Neely, Virgil	Anacortes	Preparatory 4
Norlin, Carl	C' d'Alene, Ida	College 3
O'Neil, Zella	Spokane	College 1
Palmer, Dorothy	Spokane	Preparatory 2
Patterson, Rev. A. F.	Spokane	Preparatory 1
Pederson, Carroll	Hillyard	College 1
Peyton, Eleanor	Spokane	College 4
Plummer, Charles	Spokane	Special
Poston, Maude	Spokane	College 2
Potter, Donald	Spokane	College 1
Potter, Earl F.	Spokane	College 4
Potter, Marjorie	Spokane	Preparatory 4
Prader, Evelyn	Spokane	Preparatory 2
Rector, Harold G.	Spokane	College 3
Reed, Walter	Spokane	Preparatory 1
Riesenberg, June	Spokane	Special
Renstrom, Powell	Colbert	Preparatory 2
Rose, Henry E.	Sto. Domingo, Cuba	College 2
Rosvold, Ida	Spokane	Preparatory 4
Rupp, Karl K.	Spokane	Preparatory 4
Scates, Douglas E.	Spokane	College 4
Schultz, Lyndon	Spokane	Preparatory 2
Sherman, Milo	Priest Lake, Ida.	Preparatory 1
Sheser, Maxine	Spokane	Preparatory 3
Siegloch, Agnes	Spokane	Preparatory 4
Smalley, Matt	Spokane	Preparatory 2
Sonnemann, Dorothy	Spokane	Preparatory 1
Stockett, Eleanor	Spokane	College 1
Tada, Kuniye	Spokane	Special
Trafton, Ellsworth	Spokane	Preparatory 4
Treffry, Ralph	Spokane	College 2
Vaughan, Victor	Spokane	College 3
Waite, Glenna	Spokane	Special
Warwick, C. S.	Spokane	College 4
Whipple, Orville	Spokane	College 2
White, Betty	Spokane	Preparatory 1
White, Mary Jane	Spokane	Preparatory 1
Winans, Sterling	Spokane	College 1
Woodward, Helen	Spokane	College 1

EXTENSION STUDENTS

Anna L. Baldwin.....	Emerson School
Hazel Bartlett.....	Irving School
Annie Bell	
Kate Belle	L. & C. H. S.
Olive W. Bennison	Grant School
Maude E. Bodine.....	Irving School
C. Jay Boyington.....	Webster School
Jessie M. Brewer.....	N. C. H. S.
Ethel J. Case	Lincoln School
Francis G. Cavers.....	Paulsen Bldg.
Mabel C. Coe.....	Grant School
Marie Coyne.....	Willard School
Stella De Camp.....	Stevens School
Belle Dickson.....	Audubon School
Nellie O. Donovan.....	Lincoln School
Alta C. Fox	
Lena A. Gordon.....	Grant School
Anna E. Heller.....	Stevens School
Florence Housel.....	Edison School
R. H. Knaack.....	Browne School
Gertrude M. Kroetch.....	Webster School
Louis Lovejoy	
Minnie McCorkill.....	Irving School
Euphenia MacGregor.....	Irving School
Betty Miller.....	Bryant School
Dorothy More.....	818 Augusta
Maude Morris.....	Horace Mann School
Emma C. O'Shea.....	Webster School
Miss Palmer	
Isabelle C. Parker.....	Willard School
Berndine M. Phillips.....	Irving School
Miss Gertrude Rapp.....	
Clara B. Rarey.....	Grant School
Marguerite F. Rayner.....	Bancroft School
Mabel Reed.....	Grant School
Ben Rogaway.....	Spokesman-Review
Dr. Frances E. Rose.....	Old Nat. Bank
Agnes E. Shackleton.....	Irving School
Eleanor Shaw.....	Irving School
Anna Smallwood.....	Whitworth Public School
Alfred O. Strieter.....	North Central H. S.
Alice C. Strohm.....	Horace Mann School

Elizabeth Trukositz.....Stevens School
 Bess Toynton.....Emerson School
 Louise Van Winkle.....
 Marjorie Weaver.....Webster School
 Armena M. Young.....Emerson School

Statistical Record Since the College Removed to Spokane

	Total Attendance	Men	Women	*College Students	Special Students	Music Students	College Graduates	Extension Students
1914-15.....	52	16	36	40	12	5	9	
1915-16.....	80	42	34	76	4	15	6	
1916-17.....	113	51	62	89	15	16	14	
1917-18.....	98	60	38	73	20	5	11	
1918-19.....	College closed. War service.							
1919-20.....	140	49	91	98	34	8	9	50
1920-21.....	147	65	82	85	20		8	55
1921-22.....	155	67	88	100	20	10	9	56

ALUMNI

Officers of the Alumni Association

President.....C. Jay Boyington, E. 1018 Nora, Spokane, Wash.
 Vice President..Anna Mary Muir, E. 526 12th Ave., Spokane, Wash.
 Secretary-Treasurer.....Frances Stubblefield, Brunot Hall Apartments, Spokane, Wash.

1896

Frank C. Blackburn, A. B., D. D. S.....Shelbyville, Ind.
 Albert C. Stewart, A. B., M. D.....Sedro-Wooley, Wash.
 Calvin W. Stewart, A. B.....Tacoma, Wash.
 Sarah C. Stewart, A. B.....4305 N. 42d St., Tacoma, Wash.
 Fred W. Whitworth, A. B.....San Francisco, Cal.
 Robert Montgomery, B. S.....Puyallup, Wash.

1898

Rev. William Davies.....
 Harold G. Gould, B. S.....Howkan, Alaska
 Ward B. Van Vechten, B. S., M. D.....Tacoma, Wash.

*Extension Students included with College Students.

1904

Dorcas Elmira Clark, A. B. Unknown
 Ethel Mary Kirkpatrick, A. B. (Mrs. W. W. Glen)....Prosser, Wash.
 Zilpha Eugenie Phillips, A. B.Tacoma, Wash.
 Ida Grace Sharp, A. B.Centralia, Wash.

1905

Dosu Doseff, B. S., M. D.Chicago, Ill.
 Ruth Dunbar, A. B.Formery of Columbia University, N. Y.
 Agnes Dora Mulkey, A. B., M. A. (Mrs. Victor E. Stork).....
Los Angeles, Cal.
 Lillian Gurine Stevenson, A. B., M. D.France

1906

Civilla Stowe Dennic, B. S. (Mrs. Otis Chablot).....
Pacific Beach, Wash
 Frederic Dan Metzger, A. B.Tacoma, Wash.
 Anna Sander, B. S.Ellensburg, Wash.
 William Edward Sander, B. S.Seattle, Wash.
 Leila Frances Shaffer, A. B.Waterville, Wash.

1907

John Willoughby Crandall, A. B., L. L. B.New York City
 Harriet Eveon Fraser, A. B.Tacoma, Wash.
 Sarah Anna Ghormley, Ph. B. (Mrs. James Urquhart).....
Chehalis, Wash.
 Susie Emily Garretson, B. S. (Mrs. R. H. Richards).....
Vancouver, B. C.
 George Elmore McMaster, B. S.Tacoma, Wash.
 Anna McMaster, A. B. (Mrs. Warren Fusselman)....Seattle, Wash.
 William John McCauley, B. S., M. D.Deceased
 Carl Jay Norton, Ph. B.Seattle, Wash.
 George Rossman, B. S., L. L. B.Portland, Ore.
 Charles Rutherford Rodman, A. B., A. M.Portland, Ore.
 Agnes Streeter, A. B.Tacoma, Wash.

1908

Andora Cox, A. B.Tacoma, Wash.
 Olga Johnson, A. B.Dash Point, Wash.
 Ralph Ayers, A. B., B. D.Sialkot, India
 Fitch Laurence Phipps, A. B., L. L. B.The Dalles, Ore.
 Percy Fred Colbert, B. S.Tacoma, Wash.
 Hoyao Oline, B. S.Tokio, Japan

1909

Mary Cox, A. B. Tacoma, Wash.
 Mary Frances Beaven, Ph. B. (Mrs. W. B. Platt) Rochester, N. Y.
 Richard C. Doud, B. S. Tacoma, Wash.
 Laetitia Clark, A. B. (Mrs. Frederick Lawrence)..... Tacoma, Wash.
 Kenneth Irwin Ghormley, A. B. Tacoma, Wash.
 David J. Guy, B. S. Washington, B. C.
 Palmer Kennedy, A. B., L. L. B. Tacoma, Wash.
 Jessie K. LaWall, A. B. (Mrs. F. L. Phipps)..... The Dalles, Ore.
 William Lewis Paul, A. B. Juneau, Alaska
 Pearla M. Robbins, B. S. (Mrs. W. B. Mitchell)..... Sumner, Wash.
 Gertrude Rolleston, B. S. (Mrs. R. Doud)..... Lower Bridge, Ore.
 Joseph Turner, Ph. B., M. D. City Hospital, Tacoma
 Edith Cavill Ware, Ph. B. Spokane, Wash.
 Margareta E. Willert, A. B. (Mrs. Clare Anderson) Salt Lake, Utah

1910

Monroe Green Everett, A. B. Portland, Ore.
 Helma Rachel Hunter, A. B. Kooskia, Idaho
 Frances H. Lackey, A. B. (Mrs. William Paul)..... Juneau, Alaska
 Henry Longstretch, Jr., B. S. Tacoma, Wash.
 Madge Stockton Phelps, Ph. B. Tacoma, Wash.
 Grace Holden Redman, Ph. B. Tacoma, Wash.
 Mildred Smith, B. S. National, Wash.
 Mary Genevieve Wilcox, Ph. B. Tacoma, Wash.

1911

Seamore A. Crandall, B. S. Tacoma, Wash.
 Alma Clair Lesh, A. B. (Mrs. J. W. Moren)..... Yakima, Wash.
 Bertha R. McCallum, A. B. Tacoma, Wash.
 Carmen B. Mahlum, A. B. Portland, Ore.
 Genevieve Martin, B. S. Tacoma, Wash.
 Lula Una Martin, B. S. Tacoma, Wash.
 Maude Scott, A. B. (Mrs. Ira B. Hartman)..... Kiona, Wash.
 Mary Smith, A. B. Marysville, Wash.
 Sidney E. Whitworth, B. S. (U. S. Army)..... Vaughn, Wash.

1912

Lillian Annetta Allen, B. S. Puyallup, Wash.
 Emilie Arnston, A. B. Tacoma, Wash.
 Sarah Regina Crandall, A. B. (Mrs. F. E. Day)..... Tacoma, Wash.
 Anna Maude Daub, A. B. (Mrs. D. Lee)..... Grantville, Kansas
 Robert Lincoln Kinkade, A. B. Ephrata, Wash.

Lillian H. Nicholson, A. B.....	Fern Hill, Wash.
Seiro Shigagaki, B. S.....	Seattle, Wash.
Sigurd A. Wold, B. S.....	Unknown

1913

Viva Claire Baldwin, A. B.....	Spokane, Wash.
Oscar Harold Billings, A. B.....	Seattle, Wash.
David Hjalmar Johnson, B. S.....	Tacoma, Wash.
Margaret Longstretch, A. B.....	
Flora M. Matheson, A. B. (Married).....	Anacortes, Wash
Shigezo Matsuoka, B. S.....	Tokio, Japan
Hazel Iris Spinning, B. S. (Mrs. D. B. Bendixon).....	
	Port Townsend, Wn.
Ruth C. Spinning, B. S.	Summer, Wash.

1914

Ruth Anna Corey, A. B.	Tacoma, Wash.
Ralph Ghormley, B. S. (U. S. Army).....	Tacoma, Wash.
Arthur Gunn Jr., B. S. (U. S. Army).....	Seattle, Wash.
Bertha Fortmiller Lee, A. B.....	Brownsville, Ore.
Malcolm Armour Murdock, A. B.....	Centralia, Wash.
Mary H. Nicholson, A. B.....	Fern Hill, Wash.
Laurence Russel Turnbull, B. S.....	Toronto, Canada.
Frances Gertrude Wakefield, A. B. (Mrs. Charles Parker).....	
	Seattle Wn.
Augustus N. William, A. B. (U. S. Army).....	Vale, Ore.
Clara Houghton Young, A. B.....	Tacoma, Wash.

1915

Burmeister, Henrietta.....	Tacoma, Wash.
Gunn, Mary	Wenatchee, Wash.
Hoska, Ella.....	Tacoma Wash.
Landis, Ora Irene.....	Spokane, Wash.
Lee, Ruth.....	Seattle, Wash.
Schnebly, Edith H.	Ellensburg, Wash.
Takaku, George.....	Sakuyaya, Japan.
Tunnard, Isabel.....	Tacoma, Wash.
Whitsitt, William S.....	Spokane, Wash.

1916

Campbell, Ruth.....	Puyallup, Wash.
Loughlen, Iva B.	Puyallup, Wash.
Prince, Leila.....	Tacoma, Wash.
Sims, Mrs. Julia.....	Spokane, Wash.
Tanner, Minnie C.....	Spokane, Wash.
Wait, Wallace J.....	Puyallup, Wash.

1917

FOUR-YEAR COURSES

Vernon A. Bacher, B. S. Biology.....	Seattle, Wash.
Hazel May Burge, B. S. Home Economy.....	Harrington, Wash.
Charles H. Fancher, B. A., Economic Science and History.....	Spokane, Wn.
Thomas R. Gunn, B. S. Mathematics.....	Wenatchee, Wash.
Hazel Vivian Heald, B. A. Modern Languages.....	Spokane, Wash.
Victor H. Johnson, B. A. Economic Science and History.....	Daisy, Wn.
Elizabeth Larsen, B. A. <i>Cum Laude</i> , Modern Languages.....	Bickleton.
Nina Naomi McGuire, B. S., <i>Cum Laude</i> , Home Economy.....	Spokane, Wash.
Ella Violet Miller, B. A. <i>Cum Laude</i> , Latin.....	Spokane, Wash.
Clara May Post, B. A. Economic Science and History.....	Spokane, Wn.
Hazel Angelina Peth, B. S. Home Economy.....	Mt. Vernon, Wn.
Charles Emory Towson, B. S. Biology.....	Spokane, Wash.
Frank H. Vandewalker, B. A. Economic Science and History.....	Spokane, Wash.

TWO-YEAR COURSE

L. Lauraine Blosser, Elocution and Dramatic Art.....	Deceased.
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1918

C. Jay Boyington B. A. Economic Science and History.....	Spokane, Wn.
Daisy M. Bratton, B. A. Economic Science and History.....	Post Falls, Idaho.
James A. Burke, B. A. Economic Science and History.....	Spokane, Wash.
Carl Elwin Clark, B. A. Economic Science and History.....	Culdesac, Idaho.
Daisy M. Chase, B. A. English.....	Abyssinia.
John E. Corbally, B. A. Economic Science and History.....	Seattle.
Bryan Johnson, B. A. Economic Science and History.....	Spangle
Anna Mary Muir, B. A. English.....	Spokane, Wash.
Charles F. Vandewalker, B. A. Economic Science and History.....	Post Falls, Idaho.
Hazel Irene White, B. A. English.....	Spokane.
Ida D. Most, B. A. English.....	Spokane.

TWO-YEAR COURSE CERTIFICATES

Department of Music

Delta Fay Merrit, Voice.....Valley, Idaho.
Hilda Marquardt, Piano.....Los Angles, Cal.

HONORARY DEGREE

Doctor of Divinity

Very Reverend William C. Hicks, M.A.; Ph. B.
All Saints' Cathedral, Spokane.

1919

School Closed for War Service

1920

Christian Brocar, B. A., Education.....Spokane.
Agnes Finnegan, B. A., Education.....Spokane.
L. D. Gilkey, B. A., English.....Spokane.
Russell F. Pederson, B. A. Greek and English.....Hillyard
D. Estella Riblet, B. A., Education.....Spokane.
Frances Stubblefield, B. A., Education.....Spokane.
Helen Mary Wait, B. S., Household Arts.....Mansfield.
G. Carl Weller, B. A., cum laude, Modern Languages..San Francisco
Faye C. Woolery, B. A., English.....Rathdrum, Idaho

1921

Grace Chapman, B. A., Education.....Spokane
Harvard Raymond Hicks, B. A., Education.....Spokane
Virginia Keating MacCraig, B. A., English.....Spokane
Margaret Evangeline McGrath, B. A., Education.....Spokane
Ida Mây Pattee, B. A., Education.....Spokane
Charles Edgar Russum, B. A., English.....Spokane
Margaret Davis Weller, B. A., English.....San Francisco
Eleanor Sewall Worchester, B. A., Education.....Spokane

COLLEGE PREPARATORY COURSES

To meet the demands of applicants the College has established a four year preparatory Department, which corresponds to the four year High School.

The following subjects are required, without any exceptions, of all students desiring to graduate from the Preparatory Department in the General and Scientific courses:

English	4 years
Science, Chemistry, Biology, Physics.....	1 year
Physical Training	4 years
United States History.....	1 year
Algebra	1 year
Geometry	1 year
Modern Languages	2 years

The subjects required for graduation in the Commercial Department are as follows:

English	3 years
Bookkeeping.....	2 years
Shorthand	2 years
Typewriting	2 years
Commercial Law	1 year
History	2 years
Algebra	1 year
Geometry	1 year
Physical Training	4 years

For the Household Arts Course the following subjects are required:

English	4 years
United States History.....	4 years
Physical Training	4 years
Sewing	2 years
Cooking	2 years
Chemistry	1 year

Thirty-two credits are required for graduation. A credit is given for the satisfactory completion of a five hour subject for one semester.

Students intending to enter College should elect such optional subjects as may be required to meet the college entrance requirements of the course chosen.

No student will be given credit toward graduation in any language unless he has completed at least two years' work in that language. In other studies, which continue more than one semester, no credit will be given toward graduation for less than one year's work.

Rooms for preparatory students will be reserved in the college dormitories. The young women's dormitory is resided over by the dean of women and the young men's dormitory is presided over by the proctor. Both are members of the college faculty.

Board can be obtained at the college dining hall.

By arrangement, a representative of the college may be able to confer with any wishing to enter this college or to advise concerning courses in other colleges. Appointments may be made in the city and possibly in one's home town. Address Whitworth College, Spokane, Washington. Phone Glenwood 417.

ADMINISTRATION

(See also page 12)

Whitworth College, Spokane, Washington, was founded and is maintained and conducted as a Christian College on the broadest, truest and most liberal basis.

PURPOSE. We aim to prepare the student through broad Christian culture, scholarship and physical training for a life of service in the line of his chosen profession or activity.

BIBLE STUDY. All students are required to take one hour's work each week of Bible study throughout their entire course, the teaching being confined to the history, literature and general ethical and religious teachings of the Book. No attempt is made, however, to impress upon the student any sectarian views. Entire religious freedom is guaranteed to all.

CHURCH ATTENDANCE. All students are expected to attend Church on Sabbath mornings, those living on the College Campus being required to attend the Church designated by the President and faculty, unless at the time of their enrollment, they shall request, with the consent of their parents, to attend some other Church in the city. In such case, permission will be granted.

CHAPEL. Attendance at Chapel for the five school days of each week is compulsory. These exercises are always quite brief, consisting of singing, prayer, and Bible reading, followed by a lecture or address by some invited guest, or by the President or a Faculty member. These lectures cover a wide range and tend to keep the student in touch with matters of national importance and are of great cultural value. Such Bible addresses must be free from narrow bias, always having respect to the rights and convictions of many faiths and creeds represented in the student body. At the option of the President or Dean of Education, student activities may be substituted occasionally for the regular chapel exercises.

Personal and community prayer life among the students shall be encouraged, but so as not to interfere with the regular appointments of the class room.

THE FACULTY is chosen by the President in consultation with the faculty committee of the Board of Trustees and their appointment is confirmed by the Executive Committee of the Board of Trustees. Meetings of the faculty are called by the President or Dean of Education; or in the absence of both, some professor duly appointed as chairman pro tem. While the various phases of the work may be allocated by departments, the departments shall not put any policy or policies into operation until reviewed and approved by a majority of the faculty in regular meeting.

DISCIPLINE. The general administration of the college is vested in the Board of Trustees. All matters of discipline are entrusted to the President and faculty. They shall arrange the course of study and hours of recitation. They shall have general jurisdiction of the student body. Some rules and regulations are indispensable, but they are reduced to the smallest number possible. In general, the honor system shall regulate and control the administration of the students and faculty alike. The relations of faculty and students is held to be one of mutual confidence and respect, with a view to the cultivation of the most loyal and genuine college spirit. In cases of delinquency sufficient to call for action, such milder means as admonition and information to parents or guardians, will usually be first tried; but whenever it is ascertained that a student is deriving no advantage from connection with the college or pursuing a course which is injurious to himself and the institution, he will not be retained. While temporary suspension, in flagrant cases, shall always be within the authority of the President or Dean of Education no student shall be expelled, except by a majority vote of the faculty; and whenever irregularities are under investigation by that body, a student involved has the right to be heard in his own behalf, the credence that attaches to the word of a gentleman, being always given to his testimony. In all cases of discipline by the faculty, the action is reported to the parent or guardian of the student involved.

ADMINISTRATION. For purposes of administration and most effective conduct of the work, the President may, with the consent of the Board of Trustees, be relieved of the larger part of campus administration in order to devote the major portion of his time to field work,—the gathering of students, the solicitation of funds and the upbuilding of a larger clientele for the college, both at home and abroad. To this end, a **DEAN OF EDUCATION**, thoroughly trained and experienced in matters of curriculum, courses of study and institutional administration, shall be chosen

by the President and faculty committee of the Board of Trustees with the approval of the Executive Committee of the Board of Trustees. He shall have complete oversight of the educational and administrative work of the college and full authority, including the enforcement of discipline in the absence of the President from the campus.

A DEAN OF WOMEN and A DEAN OF MEN shall be appointed by the President with the approval of the faculty committee of the Board of Trustees each year, and they shall have full and complete control of the students entrusted to their care, acting as advisors and counselors, enforcing firm but kindly discipline in their respective spheres. Believing that an atmosphere of good cheer and good will with mutual confidence and respect for the rights of others, is essential to the upbuilding of our institution, we urge every student and faculty member to cultivate and maintain these Christian graces to the fullest extent. Continued failure so to do shall be considered sufficient grounds for the severing of existing relationships.

This policy shall become effective from the date of its adoption by the Board of Trustees, April 30th, 1920.