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WHITWORTH
COLLEGE

BULLETIN

CATALOGUE
NUMBER
1920-1921



SPOKANE, WASHINGTON
JUNE, 1920

VOLUME XIX.

NUMBER 1



THE COLLEGE

VOL. XIX.

SPOKANE, WASHINGTON

No. 1

THE WHITWORTH COLLEGE BULLETIN

*Containing the Annual Catalogue
and Register of Students of
Whitworth College, 1919-1920,
General Information,
Courses of Study
and Other Announcements
1920-1921*



*"Orando et Laborando pro
Educatione Juvenum"*

SPOKANE, WASHINGTON, JUNE, 1920

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

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COLLEGE CALENDAR

1920

Registration and Entrance Examinations.....
Monday, Tuesday, Sept. 20, 21, 9 A. M.
First Assembly.....Wednesday, Sept. 22, 10:30 A. M.
Class Work Resumed.....Wednesday, Sept. 22, 11 A. M.
Midsemester Examinations.....Monday, Tuesday, Nov. 22, 23
Thanksgiving Recess.....Wednesday, Nov. 24, Noon
Class Work Resumed.....Monday, Nov. 29, 8:50 A. M.
Christmas Vacation Begins.....Thursday, Dec. 20, 4 P. M.

1921

Class Work Resumed.....Monday, Jan. 4, 8:50 A. M.
Midyear Examinations,
Tuesday, Wednesday, Thursday, Friday, Feb. 1, 2, 3, 4
Second Semester Begins.....Monday, Feb. 7, 8:50 A. M.
Midsemester Examinations.....Tuesday, Wednesday, April 11, 12
Easter Vacation Begins.....Wednesday, April 20, 4 P. M.
Class Work Resumed.....Monday, April 25, 8:50 A. M.
Memorial Day.....Monday, May 30
Final Examinations.....Monday, Tuesday, Wednesday, June 6, 7, 8
Baccalaureate Sermon.....Sunday, June 5, 10:30 A. M.
College Commencement Exercises...Thursday, June 9, 10:30 A. M.
Alumni Annual Meeting.....Thursday, June 9, 8 P. M.

Regular Meetings, Board of Trustees

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

BOARD OF TRUSTEES**Term Expiring 1920**

- AUBREY L. WHITE, President of Spokane Park Board, Spokane, Wash.
AUGUST PAULSEN, Mine Owner, Spokane, Wash.
JAY P. GRAVES, Mine Owner, Spokane, Wash.
THADDEUS S. LANE, President Western Empire Investment Co., Spokane, Wash.
H. H. McMILLAN, Real Estate and Insurance, Spokane, Wash.
REV. WM. E. SPROAT, Pastor, Belmont, Wash.

Term Expiring 1921

- REV. MARK A. MATTHEWS, D. D., Pastor First Presbyterian, Seattle, Wash.
WM. B. DUDLEY, Capitalist, Yakima, Wash.
DR. X. L. ANTHONY, Physician, Spokane, Wash.
R. L. EDMISTON, Attorney-at-Law, Spokane, Wash.
O. W. LEGGETT, Real Estate, Spokane, Wash.
E. A. LINDSLEY, Poles and Posts, Spokane, Wash.
REV. S. L. DIVINE, D. D., Pastor First Presbyterian Church, Spokane, Wash.
FRANK C. ROBERTSON, Land Owner and Capitalist, Spokane, Wash.

Term Expiring 1922

- CHARLES HEBBERD, Mgr. Tull & Gibbs Furniture Co., Spokane, Wash.
DAVID R. McCLURE, President Crystal Laundry Co., Spokane, Wash.
R. E. PORTERFIELD, Mgr. Citizens Savings & Loan Society, Spokane, Wash.
C. E. MARR, Owner Marr's Chain Stores, Spokane, Wash.
ARCHIBALD G. RIGG, Architect, Spokane, Wash.
GEORGE A. PHILLIPS, Manager Palace Department Store, Spokane, Wash.
J. B. CAMPBELL, Attorney-at-Law, Spokane, Wash.

OFFICERS OF THE BOARD

C. E. Marr.....	Chairman
Charles Heberd.....	Vice-Chairman
R. E. Porterfield.....	Secretary and Treasurer

Standing Committees

Executive—C. E. Marr, Heberd, Lane, Anthony, White, McClure, Divine, Graves, Phillips, Edmiston.

Finance—Heberd, Marr, Phillips.

Endowment—Lane, McClure, Paulsen, Lindsley, Robertson, McMillan, Dudley.

Faculty and Curriculum—Anthony, Porterfield, Matthews, Weyer, Campbell.

Library and Laboratories—White, Matthews, Lane, Ferris.

Honorary Degrees—McClure, Porterfield, Campbell.

Athletics—Divine, Lane, Paulsen, Leggett, Rigg.

Building and Grounds—Graves, Rigg, White, Leggett.

Purchasing—Marr, Leggett, Phillips.

Publicity—Phillips, Lindsley, White.

Extension—Edmiston, Campbell, Sproat.

COLLEGE FACULTY

*Arthur Y. Beatie, President.

Charles A. Barry, M. A., Acting President.

Professor of Modern Languages.

Dean of Education, formerly Professor of Modern Languages and Pharmacy Latin, Washington State College; Interpreter to Libby Glass Co., World's Fair; Interpreter to Warren Featherbone Co., Europe; University of Michigan; Washington State College, M. A., Honorary, 1910; Whitworth, 1914.

James H. Beach, B. S., A. M.

Professor of History and Social Science.

B. S. Kansas State Normal School; A. M. Columbia University; Principal and Superintendent in Public Schools of Kansas, 1897-1908; Department of History and Geography, Kansas State Normal School, 1908-1914; Principal Training School, North Carolina State College for Women, 1915-1916; High School Teacher, New York, 1916; Director Speakers' Bureau, War Work Council, Y. M. C. A., New York, 1918-1919; Whitworth, 1919.

*Resigned, May 1, 1920.

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 John Hopkins, 1916-1917; Ph. D. John 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.

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

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; Whitworth, 1919.

Hazel L. Parks, B. S.

Professor of Household Art.

Columbia, 1918; taught, Lincoln College, Lincoln, Ill., 1918-1919; Whitworth, 1919.

William Daniel Rees, A. B.

Professor of Mathematics.

A. B. Ohio State University, 1891; St. John's School, Presque Isle, Me., 1892; St. Austin's School, Staten Island, N. Y., 1892-1893; St. Mark's School, Southborough, Mass., 1893-1911; Belmont School, Belmont, Cal.; Rutgers College, New Brunswick, N. J., 1916-1917; Haverford School, Haverford, Pa., 1917-1918; Randolph-Macon College, Ashland, Va., 1918-1919; 1901-1902, 1907-1908, travel and study in Europe; Whitworth, 1919.

Eleanor Maria Sickels, A. B.

Preparatory Department.

A. B. Whitman College, 1917; taught, Tekoa, Wash., 1917-1918; Endicott, Wash., 1918-1919; Whitworth, 1919.

***Elton R. Darling, A. M., Ph. D.**

Professor of Chemistry.

Southern Minnesota University; The Alexander Hamilton Institute; Graduate work, Brown, Clark, Wesleyan, Chemical Engineering, Industrial Research; Whitworth, 1919.

Thomas Moss.

Professor of Music.

New England Conservatory; Harvard; Director of Music, Tome School, Baltimore.

***Mrs. Arthur Y. Beatie.**

Student Advisor; Assistant Professor of Bible.

Ivaloo Pearl Eddy.

Instructor in Elocution, Public Speaking and Dramatic Art.

Katherine U. Taft.

Instructor in Art.

Pupil of Dwight W. Tyron (Smith College), Rose Turner (Boston); Whitworth, 1915.

*Resigned.

FACULTY COMMITTEES

Admission and Credits.....	Mr. Barry, Mr. Robinson, Mr. Beach
Extension Service.....	Mr. Beach, Mr. Barry, Mr. Robinson
Lecture Courses.....	Miss Robinson, Mr. Rees, Mr. Beach
Social Affairs.....	Mr. Moss, Miss Parks, Mr. Rees, Miss Eddy
Athletics, Physical Training.....	Mr. Rees, Miss Parks, Miss Robinson
Discipline.....	Miss Parks, Mr. Barry, Mr. Beach
College Publications.....	Mr. Robinson, Mr. Rees, Mr. Barry
Student Governing Association.....	
	Mr. Darling, Miss Sickels, Mr. Beach
Library, Literary Societies.....	Miss Robinson, Miss Eddy, Mr. Rees
Secretary to the Faculty.....	Dr. Willard Haskell Robinson
Secretary to the President and Registrar.....	Miss Margaret Logan
Dean of Women.....	Miss Hazel Parks
Associate Dean of Women.....	Miss Edna M. Robinson
*Proctor Men's Dormitory.....	Mr. Elton R. Darling
Appointments.....	Dean of Education

*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. In February, 1900, it was removed to Tacoma.

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 these pioneer days of the institution.

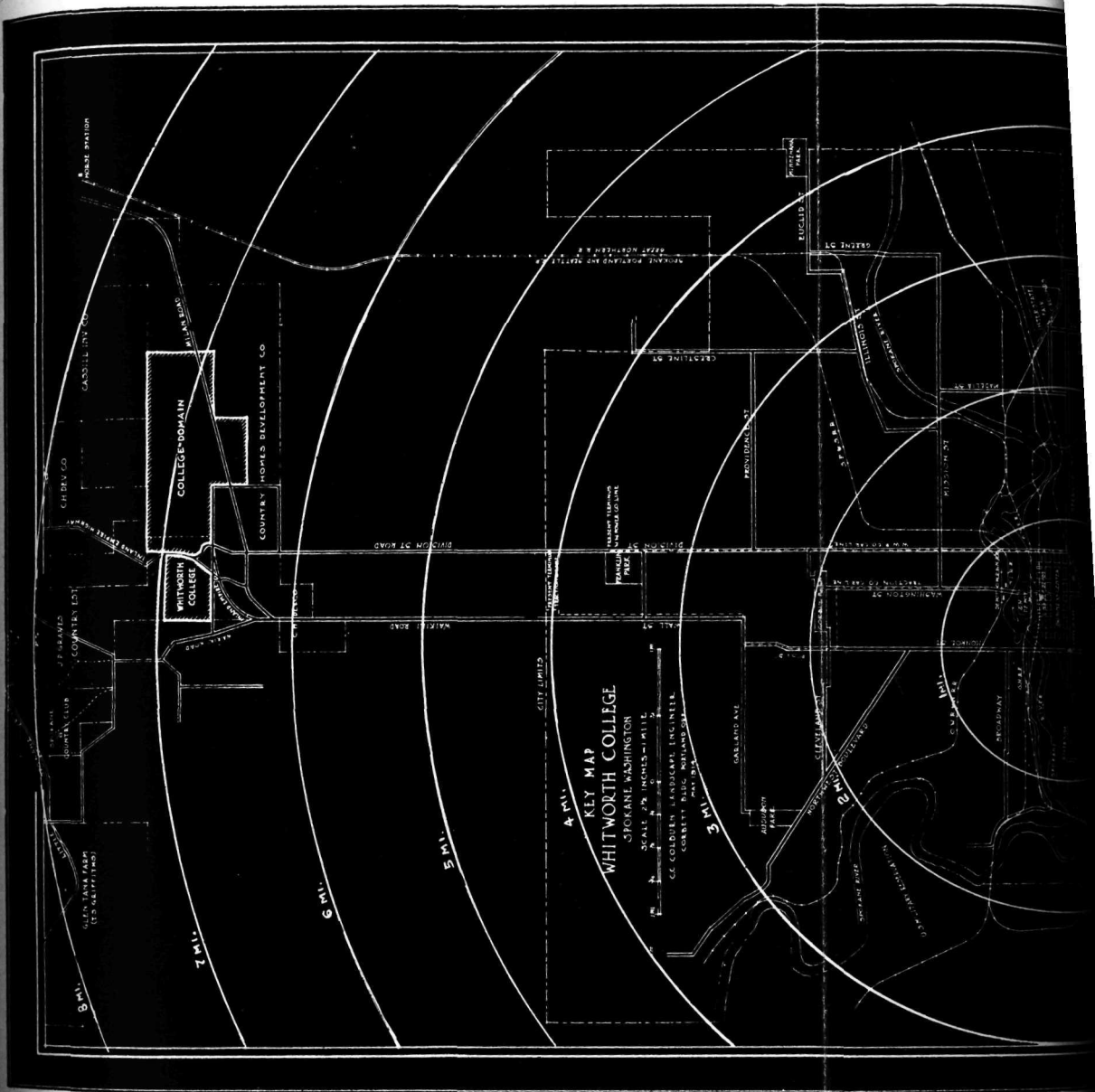
Whitworth College was again destined to change its location. In August, 1913, the Presbytery of Spokane, encouraged by the pledged support of the citizens of Spokane, made overtures to the Board of Trustees of Whitworth College to remove to that city, and, after months of consideration, always having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

The conditions of removal, which were approved by the Board of Trustees, are 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 contribute \$100,000 in cash and property.

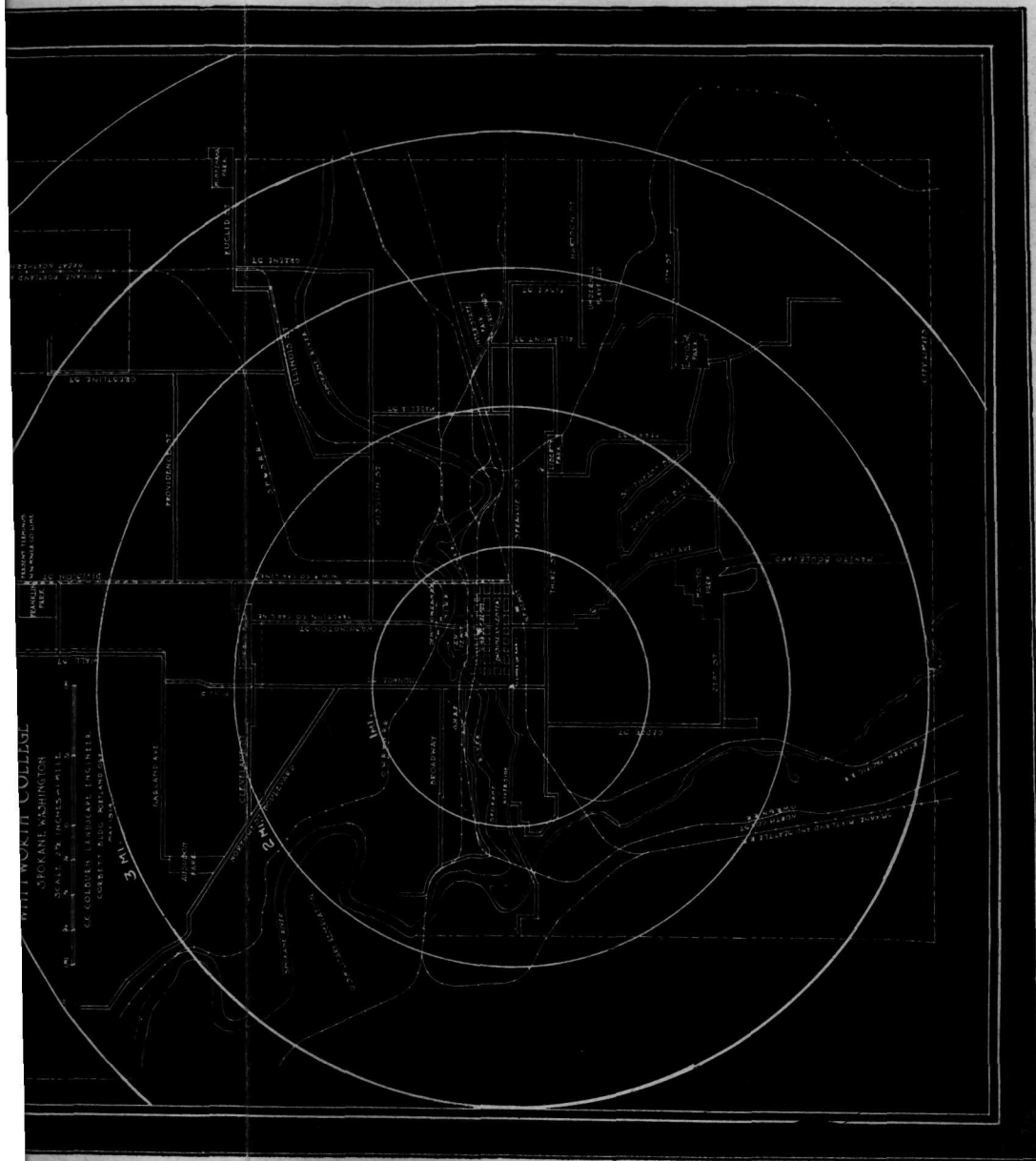
In consideration of money previously advanced for erection of buildings a readjustment has been made whereby the college now has title to 90 of the 560 acres.

LOCATION

Whitworth College in its new 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



KEY MAP, SHOWING THE DISTANCE OF THE COLLEGE FROM THE CENTER OF



SOUTH

E OF THE COLLEGE FROM THE CENTER OF THE CITY OF SPOKANE

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 first college building on the new campus was ready for occupancy September, 1914. It affords dormitory accommodations for about fifty young women, with chapel and lecture rooms on the first floor.

The second college building is that of the Young Men's Dormitory, which is now complete throughout, and affords accommodations for about seventy young men.

The Chemical, Biological, and Domestic Science Laboratories are being equipped.

GYMNASIUM

Athletics and Required Physical Training

Provision is made for giving gymnasium instruction to all students at the college who desire it. All students of the college are required to take physical training during four semesters, two hours weekly, unless excused by the secretary of the faculty or the dean of women. All students will begin this training in the Freshman year. Students entering later than the Freshman year will add the training in their first registration. 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 grid-iron is a beautiful glass 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.

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

A PRESBYTERIAN COLLEGE

Whitworth College is called a Presbyterian institution. What does this signify? It does not signify that the students are all Presbyterian. It does not mean that the teachers are all Presbyterian. It does not indicate that the trustees are all Presbyterian. For in each of these three cases the other denominations are represented. It simply means that the Presbyterian Church is a trustee of the interests, policy and work of the college and assumes the responsibility before the country at large of seeing to it that the college recognizes religion in its educational work and gives it its proper amount of attention. The college is absolutely unsectarian and undenominational as far as any teaching or class work is concerned. The Bible is one of the text books of the institution, and every student is required 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. Whitworth College invites men and women of evangelical denominations to positions on its faculty, to help in its finances, and to contribute of their moral and friendly support. It invites all students of any denomination or no denomination to enter its classes and mingle in its student life so long as they can present evidence of being young men and women of character. Whitworth College is not a reform school, and does not invite, and will not welcome young men and young women who have bad characters and evil intentions. We cannot afford to let such mingle with the excellent young men and women who compose our student body.

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 competent. Its courses are thorough and comprehensive. Its degrees are recognized by our best universities.

THE RELIGIOUS LIFE

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 from the operations of this rule.

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 p. 82)

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.

SCHOLASTIC

Whitworth College is an earnest advocate of general culture as the best possible all around 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 adaptation 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 emanates from the office 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 domiciled 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-resident are under the immediate supervision of the Dean of Women.

THE PROCTOR

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

PROFESSIONAL LECTURES

Beside 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, once a week, after chapel services. Residents of the College community are invited to attend. This lecture series 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.

The last course was given by the following lecturers:

Dr. S. E. Lambert, M. D., Medical College of Alabama.

Dr. Hermann P. Marshall, B. A., M. D., Harvard.

Dr. J. B. Anderson, M. D., Washington Medical College, St. Louis.

H. C. Sampson, B. A., University of Indiana.

Lloyd Gandy, A. B., LL. B., University of Michigan.

Richard Munter, LL. B., University of Michigan.

THE WOMEN'S BOARD OF WHITWORTH COLLEGE

President, Mrs. F. C. Farr.

Vice-President, Mrs. S. L. Divine.

Secretary, Mrs. R. L. Edmiston.

Treasurer, Mrs. D. R. McClure.

Corresponding Secretary, Mrs. David J. Guy.

The Women's Board of Whitworth College is a body of women who are interested in the ideals for which Whitworth stands and who desire to be a tangible influence in the furthering of those ideals. The function of the organization is to act in a capacity advisory to the Board of Trustees and to carry on such work in relation to the school life as they may be interested in promoting.

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, 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, maintain great spirit, and enter with hearty zest.

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, under the direction of the faculty.

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 Ladies' 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 quarterly 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.

L'Amerique is a club for French conversation.

La Castellana is a club for Spanish conversation.

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 Saturday or Monday before the opening of the semester, so as to conclude all necessary arrangements. Assignment to rooms will be made by the President at 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 repair 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 Matron looks after the baggage for young women and the Chairman of Faculty for 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 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 light; also a three-quarter bed, with woven spring, 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. No electric irons are permitted in the rooms.

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 10:30 p. m., except Friday night. Students are free from college duties Saturday and Sunday. Vesper service is held 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 week being counted 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:

Table board by the quarter is \$6.50 per week, payable quarterly in advance.

Single meals: Dinner, 50c; breakfast or lunch, 35c. Students bringing guests to table will be charged at single meal rates.

Room rent, including light and heat, varies from \$1.50 to \$2.00 per week, depending upon size, location and accommodations of the room.

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 fee, 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

Piano, Voice, Organ, Violin

For the semester, two half-hour lessons per week.....	\$50.00
For the semester, one half-hour lesson per week.....	30.00
Rent of piano, one hour's practice daily for the semester.....	5.00
Rent of piano, two hours' practice daily for the semester....	8.00
Harmony, two half-hour lessons weekly per semester.....	40.00
Harmony, one half-hour lesson weekly, per semester.....	25.00
Theory, two half-hour lessons weekly, per semester.....	40.00
Theory, one half-hour lesson weekly, per semester.....	25.00
Harmonic analysis, the same price as harmony.	
Solfeggio and dictation, the same price as harmony.	
Counterpoint, the same price as harmony.	

Elocution and Dramatic Art—Expenses

(See expenses under Elocution, Public Speaking and Dramatic Art (Department of English).

Art—Expenses

(Subject to Change)

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

SELF HELP

It is possible for 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 expenses 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 college 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 Oratorical Contest" is established, open to members of the Sophomore and Freshman classes, with first and second 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.

Temperance Oratory Prizes

The Presbyterian General Assembly's Committee on Temperance has made the college a permanent offer of \$25.00, to be used as prize money in an annual temperance oratorical contest. This is handled with much spirit by the local temperance club among the students. This contest is open to all students, and occurs in the spring of the year.

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 influence, 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 years of 1916-17, 1917-18, 1918-19, 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.
Laurie, Rev. James A.....	Wenatchee, 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.
Centenary 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 \$75.00 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 \$75.00 per annum, payable quarterly.

THE WHITWORTH FEDERATION

Frederick D. Metzger, '06, President.

Mrs. W. B. Mitchell, '09, Vice-President.

Mrs. L. F. Phipps, '09, Secretary.

Henry Longstreth, Jr., '10, Treasurer.

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 close 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 Washington. 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 (Junior and Senior High School years, only)

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 application, 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 authority) concerning all the work done, the names of the principal textbooks 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 advance 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

*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.

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 adviser 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

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

Diplomas from four-year accredited high schools admit without examination to college Freshman class.

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	8
Bible	6	6
Physical Training.....	4	4
History	2	8
Required		66
Majors		24
Minors		16
Free Electives.....		24
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, 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. A maximum number will probably be suggested, the coming year, in order that highest scholarship may be attained.

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:

The sixth year of the extension courses begins Tuesday, September 28, 1920, at 7:30 p. m., in the Carnegie library.

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 following courses were offered in 1919-20:

Recent American history with special reference to current problems

Economic and Social Geography

Educational Sociology (School as Related to Society).....
.....Professor James H. Beach

Tennyson and Browning (or Advanced Course in Shakespeare)
.....Dr. Edna M. Robinson
(Miss Robinson's Thesis for Ph. D. Degree was on Tennyson)

Calculus (for the benefit of Engineering Students).....
.....Professor William D. Rees

Household Arts (Suggestion as to Courses Invited).....
.....Professor Hazel L. Parks

Messages of Old Testament Prophets for Modern Problems	
Educational Psychology as Applies to Modern Life.....Dr. Willard Haskell Robinson
French Phonetics (Advanced Course)	
Spanish Literature of the Sixteenth Century	
Spanish-American Business Correspondence (Two Years Spanish Prerequisite).....Professor C. A. Barry
Civic Biology, Elementary Zoology, Applied Chemistry, at College Laboratories, 2 to 5, Saturdays.....Dr. Elton R. Darling
Modern English Fiction (Second Course).....Clara L. Barry

GRADUATION

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

To graduate requires, inclusive of Physical Culture, 128 besides the Bible credits.

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 75. 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 18, by arranging with the office at the time of registration; but no student will be permitted to take over 18 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 conditioned 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.

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 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. and X.—Principles of Education.

First Semester. Three Hours.

XI.—Philosophy of Education. Open to Seniors and Juniors only.

The semester includes a study of the duties and relationships of School Superintendents, Principals and Special Supervisors and Teachers.

Classes in other educational subjects will be formed according to the following rules of the State Board of Education.

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 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 2. History of Education...	{	General Course in Child Study Adolescence Genetic Psychology Organization Administration Supervision Management Secondary Education Elementary Education Kindergarten
Group 3. Childhood and Adolescence	{	General Methods Observation and Practice Teaching under competent supervision Cadet Teaching under competent supervision
Group 4. School Administration.	{	
Group 5. Method	{	

Group 6. Educational Sociology.	}	School and Society
		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.

ADVANCED NORMAL WORK

Special Classes Conducted by Heads of College Departments

- Theory and Practice of Teaching Domestic Science and Art. See Domestic Economy 7, 8.
- Pedagogic Chemistry. See Chemistry VII.
- Teaching of Physics in High School. See Physics VI.
- Pedagogy of Secondary Mathematics. For students intending to teach high school mathematics. See Mathematics XIII.
- Course for Teaching Piano. See Piano. Note.
- Course for Teaching Violin. See Violin. Normal Course.
- Methods of Teaching German. See German IX.
- Methods of Teaching French. See French IX.

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 1920-21 will be Tennyson and Browning, Shakespeare, and Nineteenth Century Literature.

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.

Two Semesters. Four Hours.

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.—An 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, Smollett, 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 Esen 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, Burns, 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 Teachers' 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. Text-book and class drill form 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. Phillips' text-book 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.

ELOCUTION AND PUBLIC SPEAKING

Dramatic Art

These courses are in private lessons by a non-resident instructor, Ivaloo Pearl Eddy.

Elocution in Class:

Expression of all forms of literature.

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

Public Speaking in Class:

Impromptu, extemporaneous, after-dinner and Prepared Speeches.

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

Dramatic Club:

For staging and producing plays.

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

Private Lessons:

One hour per week for semester..... 54.00

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

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 text-book 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 Semesters.

- VIII. and IX.—General Sociology. Open to Juniors and Seniors. A study of the main facts of human development and of the forces that have brought about modern civilization. A part of the last semester will be given to some first hand study of local social conditions. The object of the course is to make the student conscious of his relations to society, and of his responsibility to his fellow human beings
Four Hours a Week, First and Second Semesters.

GERMAN (For Science Students)

Courses

- I.—Beginning German (for college students who have had no preparatory German). Spanhoofd's Elementarbuch der Deutschen Sprache; Worman's First Book (for sight reading and pronunciation drill); Grammar by topics explained in blackboard lectures. Students use grammar topic cards instead of grammar text. These cards are used in class, for quick reference. Class conducted in German.
First Semester. Four Hours.
- II.—Grammar. Topic card system (as in I.); Guerber's Maerchen und Erzaehlungen, I., II. Class conducted in German.
Second Semester. Four Hours.
- III.—Introduction to German Literature. Reading of short stories, plays and poems; German handwriting first introduced. Class conducted in German.
First Semester. Four Hours.
- IV.—Lectures on Schiller's Life and Works. Class text, Wilhelm Tell. Second half semester, German newspapers and magazines used as text; grammar review (topics). Class conducted in German.
Second Semester. Four Hours.
- XXI.—Scientific German. Reading of science vocabularies in chemistry, physics, biology, medicine, etc. No text book used. Class uses German journals. Science vocabularies compiled. Simple experiments in physics, chemistry, etc., made with demonstrations in German. Laboratory system: Students are not taught in a class, but in groups or as individuals. The instructor assists each member, individually, at his table, in the translation of the journal,

catalogue, machinery, description or other such text selected by the student in the science study he is pursuing. Tollhausen's or Rohrig's Technical Dictionaries. Catalogues and descriptions furnished by German manufacturers of chemical apparatus, etc.

First or Second Semester. Three Hours.

V.—German Literature. Recent writers, novelists, German drama, assigned reading and reports.

First Semester. Four Hours.

VI.—Lectures on Klopstock, Lessing, Goethe (first half semester). Lectures on German traditions, the sources of operas, as Lohengrin, Tannhaeuser, Rheingold, Walkyrie, Goetterdaemmerung Tell, etc. Second half semester. Required, Written reports in German.

Second Semester. Four Hours.

VII.—Lectures on German life, history, government, commerce. Class reports in German on German current events. German newspapers and magazines used as text in class.

First Semester. Four Hours.

VIII.—Lectures on German Origin. Gothic, old High German, Middle High German. Critical study of German grammar.

Second Semester. Four Hours.

IX.—Methods of Teaching German.

Second Semester. One Hour.

X.—Seminar.

German conversation is used in all courses except XXI, and forms a part of semester's credit.

German composition throughout the written exercises, but especially through the reports of lectures. These reports are corrected in presence of student, and must be kept and resubmitted in file at end of semester as a part of semester's credit.

Note:—Students selecting German as a major for graduation should have two years of Latin, two years of Spanish and four years of German.

FRENCH

Courses

I.—Beginning French (for college students who have had no preparatory French). Henin's Methode; Worman's First Book, and other simple progressive books for rapid sight reading and pronunciation drill. (French-English Grammar text not introduced till second semester). Grammar by topics explained, as needed in blackboard lectures.

Students use grammar topic card instead of grammar text. These cards are used in class for quick reference. class conducted in French.

First Semester. Four Hours.

II.—Grammar. Topic card system (as in I.). Guerber's *Contes et Legendes*, I., II.: *Une Semaine à Paris* (Bacon). French-English grammar for translation exercises and as reference text for topic system. Class conducted in French.

Second Semester. Four Hours.

III.—Introduction to French literature. Reading of short stories, plays and poems. Class conducted in French.

First Semester. Four Hours.

IV.—Lectures on Victor Hugo's Life and Works. Class text, *Les Miserables*. Second half semester, French newspapers and magazines used as text. Grammar review (topics). Class conducted in French.

XXI.—Scientific French. (Same method as in German—see German XXI.)

First or Second Semester. Three Hours.

V.—French Literature. Recent writers, novelists, French drama; assigned reading and reports in French.

First Semester. Four Hours.

VI.—Lectures on Moliere, Racine, Corneille, Voltaire, Dumas (first half semester). Lectures on French traditions, the sources of the opera (second half semester.)

VII.—Lectures on French life, history, government, commerce. Class reports in French on French current events. French newspapers and magazines used as text in class.

First Semester. Three Hours.

VIII.—Lectures on French Origin. Provençal. Critical study of French Grammar.

Second Semester. Three Hours.

IX.—Methods of Teaching French.

Second Semester. One Hour.

X.—Seminar.

French conversation is used in all courses except XXI.

French composition acquired through the written exercises (French II.), but especially through the reports of lectures. These reports are corrected in presence of student and must be kept and resubmitted in file at end of semester as a part of semester's credit.

SPANISH

Courses

I.—Beginning Spanish. Worman's First Book (for sight reading and pronunciation drill); First Book in Spanish, Roessler and Remy; Introduccion a la Lengua Castellana (Marion); Cuentos Alegres Toboada). Grammar by topics explained in blackboard lectures. Students use grammar topic cards instead of grammar text. These cards are used in class for quick reference. Class conducted in Spanish.

First Semester. Four Hours.

II.—Grammar. Topic and card system (as in I.). Espinosa's Grammar for reference and exercises. Spanish short stories (Hill and Reinhardt); Spanish and English conversation (Pinney). Class conducted in Spanish.

Second Semester. Four Hours.

III.—Arithmetic; Geography. Nueva Aritmetica Elemental (Silver, Burdett y Compania; Geografia Elemental (Appleton). Spanish Newspapers used as text. Lectures on the Spanish-American countries, their government, industries, commerce, social life.

First Semester. Four Hours.

IV.—Introduction to Spanish Literature. Recent writers. Lectures.

Second Semester. Four Hours.

Spanish V. and VI.—Literature, Lectures in Spanish. Reports by students,—Conversation, Composition.

First and Second Semester. Four Hours.

Spanish VII. and VIII.—Continuation of V. and VI.

Spanish XXI.—(Same method as in German and French; see German XXI.)

All classes, except XXI., are conducted in Spanish.

Note:—Student selecting Spanish as major subject should have two years of Latin, two years of French, and four years of Spanish.

ITALIAN

Courses

I.—Beginning Italian. Blackboard lectures on pronunciation and grammar. Conversation. Drill on expressions used in music. Text for reference and exercises, Italian Principia I. Bowen's Italian Reader.

First Semester. Two Hours.

II.—Short Plays and Stories. First texts, *La Locandiera* and *Il vero Amico*. Class conducted in Italian.

Lectures on the traditions upon which the Italian operas are based.

Lectures on Italy, the government and social life.

Second Semester. Two Hours.

Note:—For those wishing to pursue the study of Italian further, a course, "Introduction to Italian Literature," will be defined and the books recommended.

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.

LATIN COURSES

These courses, like those in the Greek department, aim to meet the practical needs of the student. Special emphasis will be given to those things in the Roman world which have had a direct influence upon our modern life and language.

- I.—Cicero, *De Senectute*; Terence, *Phormio*. By translation of passages at sight and at hearing the attempt is made to familiarize the student with Latin of moderate difficulty and enable him to read it with comparative ease and fluency. The philosophy of Cicero and the Roman drama are discussed.

Four Hours a Week, First Semester. Four Units.

- II.—Livy, Books XXI. and XXII. Livy's value as a historian is discussed, also his character and literary style.

Four Hours a Week, Second Semester. Four Units.

- III.—Horace, *Odes* and *Epodes*. Study of Horace as a lyric poet. His influence upon the life of his day.

Four Hours a Week, First Semester. Four Units.

- IV.—Tacitus, *Agricola* and *Germania*. Translation of passages at sight. Study of Tacitus as a historian and comparison with Livy.

Four Hours a Week, Second Semester. Four Units.

- V. and VI.—Advanced Course in Virgil. Rapid reading of extensive selections from Virgil with especial attention to their value from a literary point of view.

Three Hours a Week, First and Second Semester.

Six Units.

- VII.—Roman Philosophy. The *De Officiis* of Cicero and portions of the *De Rerum Natura* of Lucretina. Discussions on Roman Philosophy and its influence upon modern times.

Three Hours a Week, First Semester. Three Units.

- VIII.—Roman Religion. Study of religious systems prevalent in Roman Empire. Readings from various Latin writers on Roman national and foreign religions. Discussion of the moral and religious situation at Rome just previous to the advent of Christianity.

Three Hours a Week, Second Semester. Three Units.

- IX.—Horace, Satires and Epistles. Selected readings. Study of the Satire and its influence upon English literature.
Four Hours a Week, First Semester. Four Units.

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 I. 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.

- VI.—Greek Drama. Euripides, Medea, Sophocles, Oedipus, Tyrannus. The value and influence of Greek Drama.

Four Hours a Week, Second 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 Semesters.

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.

CHEMISTRY

Courses

I.—General Chemistry. Lectures, recitations and laboratory work. Text-book, Alex. Smith's Chemistry for Colleges. The laboratory work consists of a selection of representative experiments, qualitative and quantitative, taken from Smith and Hale's laboratory outlines, also a selection of preparations from raw materials from the standpoint of synthetic chemistry.

3 Lectures and 2 Laboratory Periods. First Semester.

II.—General Chemistry. Continuation of Course I. Laboratory work consists of synthetic preparations, followed by an introduction to qualitative analysis, using Baskerville and Curtman's Qualitative Analysis.

3 Lectures and 2 Laboratory Periods. Second Semester.

III.—Qualitative Analysis. Lectures and Laboratory Work. Text-books: Baskerville and Curtman Qualitative Analysis, and Stieglitz's Theoretical Qualitative Analysis. Pre-requisites: Courses I. and II.

1 Class and 3 Laboratory Periods Per Week.

First Semester.

IV.—Quantitative Analysis. An introduction to the theories and practice of analysis both gravometric and volumetric. Talbot's Quantitative Analysis and Newth's Chemical Analysis. Pre-requisites: Courses I., II. and III.

1 Lecture and 3 Laboratory Periods per Week.

Second Semester.

V.—A Course in General Organic Chemistry. Three lectures and two laboratory periods per week. The laboratory work consists of a selection of experiments in the preparation of organic compounds taken from "A Laboratory Manual of Organic Chemistry," Jones. All students who are preparing to enter a school of medicine are required to take this course. Pre-requisites: Courses I., II., III. and IV.

Course Offered in 1917-18. First Semester.

VI.—Sanitary and Applied Chemistry. Recitations and laboratory work, covering the chemistry of cooking, cleaning and sanitation. This course is designed to meet the needs of the young women in the Home Economics department.

2 Classes and 2 Laboratory Periods per Week.

Second Semester.

VII.—Pedagogical Chemistry. Lectures, reports and discussions of the following topics: Aims, Methods, Sources of Material, Laboratory Equipment, Laboratory Instructions, Modern Text Books and Laboratory Manuals. Pre-requisites: Courses I., II., III., IV. and V. Also Physics I. and II., and Education. Courses offered every alternate year.

Two Hours. First Semester.

VIII.—Quantitative Analysis. A laboratory course of either 9 or 12 hours per week and is a continuation of Course IV. Students who are intending to major in mining engineering or in chemical engineering should take this course.

3 or 4 Laboratory Periods per Week. Second Semester.

IX.—Seminar. Special Subjects in Chemistry. Students suitably prepared in the general principles of chemistry such as having covered the equivalent of Courses I., II., III., IV., V. and VIII., will be permitted to work out special subjects, either by thesis or by laboratory investigation or both, under the direction of the department. Suitable credit will be arranged for.

X.—Elements of Chemical Engineering. This is a lecture course in which the most important chemical manufacturing processes are taken up for study. Plant equipment and maintenance, standardizing and controlling of operations, reports on plants visited and collateral readings are required.

Four Hours a Week throughout the Year.

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

Second Semester. Four Hours.

VII.—Human Anatomy and Physiology. A text book subject accompanied with dissection of mammals for comparative purposes. It is recommended that VI. be taken before VII. whenever possible. Lectures, 3 hours. Laboratory, 3 hours.

First Semester. Four Hours.

VIII.—Human Anatomy and Physiology. Continuation of VII., which is pre-requisite. Lectures, 3 hours. Laboratory, 3 hours.

Second Semester. Four Hours.

IX.—Plant Pathology. A study of fungus diseases in their effect on host plants. Given when desired.

X.—Systematic Mycology. A study of classification schemes and the classifying of local fungus plants. Given when desired.

XI.—Plant Physiology. A study of the structure and vital activities of plant life. Given when desired.

XII.—Bacteriology. A study of bacteriological methods with the application of technique in the isolation and study of common bacterial forms of life.

XII., XIV., XV., XVI.—Cytology, Histology, Entomology, Embryology. Given as seminar courses when called for.

See also changes on page 68 of the catalogue.

DOMESTIC SCIENCE

Cooking

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

First Semester. One Hour Lecture and Three Hours Laboratory.

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. One Hour Lecture and Three Hours Laboratory.

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 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.

Course I. or II. is required of all candidates for the B. A. degree; I. and II. 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 degree.

Both Semesters. Four Hours.

II.—College Algebra. Review of elementary Algebra with emphasis on fundamental principles. Development of functional notation. Progressions. Variation. 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.

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 specialized 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.

ENGINEERING COURSES

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 weirs; with special attention to problems in irrigation. The work is supplemented by field work in steamingaging.

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-requisites: 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.

First Semester.

IV. and V.—General Physics. Lectures, recitations and laboratory work in Mechanics, Sound, Heat, Magnetism, Electricity and Light. This course is designed to meet the needs of students who have not taken Physics in the high schools. This course must be taken, or its equivalent, before taking Courses I. and II.

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.

3 Class Periods per Week. Second Semester.

GEOLOGY

General Geology, an introductory course in dynamical, structural and historical geology. Three credits are given in this course, consisting of two or more hours per week of recitation and lecture, the remaining time being spent in the laboratory. Hand specimens of the common rocks are studied, as well as selected folios of the atlas of the U. S. Geological Survey. Le Conte's Elements of Geology is used as a text.

Special Courses—Students preparing for teachers' examinations will have the privilege of forming classes for review of Physical Geography and other sciences.

DEPARTMENT OF ART

Instructor—Katherine U. Taft, pupil of Dwight W. Tyron (Smith College), Rose Turner (Boston).

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.

A fee of \$1.50 per semester is charged for illustrative material which becomes the property of the student. No required text-books.

Both Semesters. One Hour.

ENGLISH

Freshman Year

First Semester	Hours	Second Semester	Hours
English I.....	4	English II.....	4
Greek, Latin, French, Spanish	4	Greek, Latin, French, Spanish	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
Greek, Latin, German, French, or Spanish.....	4	Greek, Latin, German, French, or Spanish.....	4
History and Social Science....	3	History and Social Science....	3
Public Speaking	4	Bible	1
Bible	1	Elective	4

Junior Year

English (Elective).....	4	English (Elective).....	4
Greek, Latin, German, French or Spanish.....	4	Greek, Latin, German, French or Spanish.....	4
History and Social Science....	3	History and Social Science....	3
Bible	1	Bible	1
Elective	4	Elective	4

Senior Year

English (Elective).....	4	Elective	4
Greek, Latin, German, French or Spanish.....	4	English (Elective).....	4
Philosophy IV. or Philosophy II. (Psychology).....	3	Greek, Latin, German, French or Spanish.....	2
Bible	1	Bible	1
		Elective	4

MATHEMATICS

Freshman Year

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

Sophomore Year

First Semester	Hours	Second Semester	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 I.....	3	Philosophy II.....	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 I.....	4	Social Science III.....	4
Elective	4	Elective	4
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	Chemistry Laboratory.....	6
*Trigonometry, Plane and		Mechanical Drawing	4
Spherical	4	Descriptive Geometry.....	4

*Semester of 16 weeks for this subject, and 18 weeks for all other subjects.

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	
Mechanism	1	periods	4

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 Analy- sis	2
Chemistry, Qualitative Analy- sis	2	Chemistry Laboratory	9
Chemistry Laboratory	9		

SECOND YEAR COURSE, SANITARY ENGINEERING

Majoring in Chemistry

First Semester	Hours	Second Semester	Hours
Physics	3	Physics	5
Physics Laboratory	6	Physics Laboratory	6
Calculus	3	Calculus	3
German	3	German	3
Chemistry, Qualitative Analy- sis	2	Chemistry, Qualitative Analy- sis	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	Hours	Second Semester	Hours
General Biology, Lectures	2	General Biology, Lectures	2
Biology Laboratory	6	Biology Laboratory	6
Chemistry, Qualitative Analy- sis	2	Chemistry, Qualitative Analy- sis	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 a 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 at 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	Hours	Second Semester	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	Hours	Second Semester	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

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	History	4
Bible	1	English II.....	4
History	4	Bible	1

Sophomore Year

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

Junior Year

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

Senior Year

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

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 VI.....	3
Modern Languages I.....	4	Modern Languages.....	4
Hist. and Social Science VIII.....	4	Hist. and Social 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

LATIN**Freshman Year**

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

Sophomore Year

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

		Junior Year	
First Semester	Hours	Second Semester	Hours
Latin V.....	4	Latin VI.....	4
Modern Language	4	Modern Language	4
History and Social Science....	4	History and Social Science IV...	4
Science	4	Science	4
Bible	1	Bible	1
Senior Year			
Latin VII.....	2	Latin VIII.....	2
Philosophy II.....	4	Philosophy III.....	4
Bible	1	Bible	1
Elective	8	Elective	3

MODERN LANGUAGES

Freshman Year

First Semester	Hours	Second Semester	Hours
*German I. or French I. or Spanish I.....	4	German II. or French II. or Spanish II.....	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.

If major is German, student should take 4 years of German and 2 years in French and 1 year in Spanish (or Italian).

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 or French.....	4	German or French.....	4
Bible	1	Bible	1

Sophomore Year

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

Junior Year

Chemistry V.....	4	Chemistry VI., VII. or IX.....	4
Biology I. or V.....	4	Biology II. or VI.....	4
Philosophy II.....	3	Philosophy II.....	3
Elective	4	Elective	4
Bible	1	Bible	1

Senior Year

Physics III.....	4	Biology VII.....	4
Hist. and Social Science VIII.	4	Hist. and Social Science IX.	4
Elective	8	Elective	8
Bible	1	Bible	1

BIOLOGY

Freshman Year

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

Sophomore Year

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

Junior Year			
First Semester		Second Semester	
	Hours		Hours
Biology VII.....	4	Biology VIII.....	4
Chemistry I.....	4	Chemistry II.....	4
Hist. and Social Science I, III. or V.....	3 or 4	Hist. and Social Science II, IV. or VI.....	3 or 4
Bible	1	Bible	1
Elective	4	Elective	4
Senior Year			
Biology, Elective.....	4	Biology, Elective, or Physics VI.	4
Philosophy IV.....	3	Philosophy II.....	3
Hist. and Social Science VIII.	4	Hist. and Social Science IX.	4
Bible	1	Bible	1
Elective	4	Elective	4

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), Mazas (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. }
Counterpoint. } Not required for voice students.

Theory.

Lectures on Orchestral Instruments.

Musical Appreciation.

Music 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)



LIST OF STUDENTS 1919-1920

- Angle, Mary Mildred, Spokane, Wash., Preparatory 3.
Auld, Margaret E. J., Waikiki Farm, Preparatory 1.
Baldwin, Marjorie, Rocheport, Mo., Freshman.
Barrows, Lenore, Seattle, Wash., Preparatory 3.
Barter, Robert, Spokane, Wash., Preparatory 3 and 4.
Baxter, William C., Spokane, Wash., Special Freshman.
Beach, Edna G., Whitworth College, Preparatory 1.
Beach, Helen M., Whitworth College, Freshman.
Beach, Martha S., Whitworth College, Preparatory 4.
Beaton, Florence, Glenbrea, Sask., Preparatory 1 and Special Art.
Beaughan, Walter, Spangle, Wash., Freshman.
Bohn, Joseph Reamer, Yakima, Wash., Freshman.
Bolling, Dorothy E., Dalkena, Wash., Preparatory 3.
Borgeson, Anna E., Spokane, Wash., Freshman.
Borgeson, Jennie O., Spokane, Wash., Sophomore.
Burnett, Ralph H., Spokane, Wash., Freshman.
Campbell, Lester, Spokane, Wash., Freshman.
Cassill, E. Miriam, Spokane, Wash., Freshman.
Cramer, Donald B., La Grande, Oregon, Preparatory 3 and 4.
Davis, E. Margaret A., Spokane, Wash., Freshman.
Davis, Rachel, Country Homes, Music.
Drake, Juanita M., Loon Lake, Wash., Preparatory 4.
Dudley, Elizabeth, Yakima, Wash., Preparatory 4.
Dunphy, Arthur, Spokane, Wash., Preparatory 4.
Farr, Dorothy, Country Homes, Freshman.
Gillman, Ethel, Spokane, Wash., Sophomore.
Graham, Edna, Spokane, Wash., Freshman.
Gray, Edna, Spokane, Wash., Preparatory 1.
Gunn, Catherine, Seattle, Wash., Junior.
Hanscom, Lois E., St. Maries, Idaho, Preparatory 4.
Herron, Frances Gladys, St. John, Wash., Preparatory 4.
Hoffman, Henry J., Spokane, Wash., Preparatory 1.
Howard, Henry B., Spokane, Wash., Freshman.
Jensen, Claud L., Ilo, Idaho, Preparatory 4.
Jones, Murray, Ellensburg, Wash., Sophomore.
Kellaway, Arthur E., Lapwai, Idaho, Freshman.
Knudson, Christina, Kellogg, Idaho, Special.
Laughbon, Esther, Davenport, Wash., Freshman.
Laughbon, Ruth, Davenport, Wash., Freshman.
Lavin, Jack, Spokane, Wash., Preparatory 3 and 4.
Logan, Margaret, Spokane, Wash., Special.

- MacDougall, Neil, Spokane, Wash., Preparatory 1 and 2.
McMahon, Frank, Spokane, Wash., Preparatory 4.
McMahon, George, Spokane, Wash., Preparatory 4.
McMahon, John, Spokane, Wash., Preparatory 2.
McLaren, Helen E., Spokane, Wash., Freshman.
Marquardt, Hilda D., Tacoma, Wash., Special Music.
Malden, Dana, Libby, Mont., Preparatory 3 and 4.
Manring, William, Nespelem, Wash., Preparatory 3 and 4.
Miller, John A., Spokane, Wash., Special Freshman. ✓
Miller, Margaret W., Spokane, Wash., Freshman.
Nevin, Stanley, Coeur d'Alene, Idaho, Preparatory 3.
Palage, Julia, Trail, B. C., Preparatory 4.
Pederson, Russell F., Hillyard, Wash., Senior. ✓
Phillips, Jesse, Spokane, Wash., Freshman. ✓
Porter, Margaret Claire, Waterville, Wash., Freshman.
Potter, Marjorie, Spokane, Wash., Preparatory 2.
Ringheim, Alma, Spokane, Wash., Freshman.
Ringheisen, Irene, Waterville, Wash., Freshman.
Robinson, Harold P., Dalkena, Wash., Preparatory 4.
Rohlman, H. W., Davenport, Wash., Preparatory 4.
Rose, Henry, Santo Domingo, Cuba., Preparatory 4.
Seagraves, Miles, St. Maries, Idaho, Preparatory 4.
Scates, Douglas E., Spokane, Wash., Freshman. ✓
Sherwin, Harold, Spokane, Wash., Freshman.
Sheser, Maxine, Spokane, Wash., Preparatory 1.
Smith, Martha H., Rossland, B. C., Preparatory 4.
Sperber, Irene, Spokane, Wash., Senior.
Stephens, James, Spokane, Wash., Freshman. ✓
Stuart, Isabel, Seattle, Wash., Freshman.
Tewinkel, Joseph M., Spokane, Wash., Freshman. ✓
Tigner, Agnes, Cashmere, Wash., Freshman.
Towsley, Anna Ruth, Spokane, Wash., Preparatory 1.
Trafton, Ellsworth, Anacortes, Wash., Preparatory 2.
Trinder, Grace, Spokane, Wash., Freshman.
Tully, Thomas James, Newark, N. J., Sophomore. ✓
Vaughan, Victor, Yardley, Wash., Freshman. ✓
Walt, Helen, Mansfield, Wash., Senior.
Warner, Beatrice, Spokane, Wash., Preparatory 4.
Walsh, Ralph, Okanogan, Wash., Conditional Freshman. ✓
Weller, G. Carl, Spokane, Wash., Senior. ✓
Williams, Montana, Spokane, Wash., Preparatory 1.
Work, Carol M., Oroville, Wash., Preparatory 2.

EXTENSION SERVICE STUDENTS, 1919-1920

Arnold, Frank H.....	Superintendent Evening School
Barry, Clara L.....	1028 West Thirteenth Avenue
Burke, James A.....	Principal Garfield School
Brocar, C.....	Superintendent Physical Training
Boyington, C. Jay.....	Principal Webster School
Campbelle, Estelle	
Cain, Nettie E.	
Cain, R.W.	
Case, Ethel.....	Lincoln School
Chapman, Grace.....	Principal Jefferson School
Donavan, Nellie O.....	Lincoln School
Dawson, Mary.....	Garfield School
Finnegan, Agnes.....	Webster Junior High School
Finnegan, Rose.....	McKinley Junior High School
Freed, W. J.	
Gilkie, J. D.....	W. W. P. Company
Jackson, Laura R.....	McKinley School
Johnson, O. E.....	Manual Training
Lusian, Edith.....	Adm. Household Arts
Mader, Clara E.....	Principal Washington School
Miller, M. H.....	Principal McKinley School
Most, Ida D.....	Principal
Motie, Vivian M.....	Principal Alcott School
McGrath, Margaret.....	Principal Brown School
McCraig, Virginia K.	
Merwin, Marjorie.....	Logan School
Maier, Stella M.	
Moore, Geraldine	
Moore, Genevieve	
Middlemass, Mrs. W. S.....	Knox Presbyterian Pastorate
Nelson, Mary A.	
O'Shea, Emma C.....	Webster School
Powers, Nellie N.....	Supervisor Drawing
Purinton, Estelle.....	Principal Holmes School
Pattee, Ida N.....	Principal Bryant School
Riblet, D. Estelle.....	Garfield School
Richardson, Ethel	
Russum, C. E.....	Supervisor Manual Training
Reed, Mabel.....	Grant School
Smith, Lillian E.....	Stevens School
Schrock, Fannie M.....	Household Arts

Stephens, James.....Old National Bank
 Smith, Laura L.
 Smith, Pearl
 Smith, Capt. Wesley
 Stubblefield, FrancesWashington School
 Skinner, Lucille
 Spalding, Lucia C.....Grant School
 Toynton, BessEmerson School
 Thompson, Mrs. Anna
 Worcester, Eleanor S.....Principal Franklin School
 Wagoner, Margaret

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	57

ALUMNI

Officers of the Alumni Association

President.....Prof. David J. Guy, '09, Whitworth College, Spokane
 Vice-President.....C. Jay Boyington, E. 1018 Nora, Spokane, Wash.
 Secretary-Treasurer..Miss Ora I. Landis, '15, 520 Sinto Ave., Spokane

1896

Frank C. Blackburn, A. B., D. D. S.....Shelbyville, Ind.
 Albert C. Stewart, A. B., M. D.....Sedro-Woolley, 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.

*Extension Students included with College Students.

1898

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

1902

Mary Anna Hickman, A. B. (Mrs. Alvin Miller).....
4522 Sixth Ave. N. E., Seattle, Wash.

1904

Dorcas Elmira Clark, A. B.....Unknown
 Ethel Mary Kirkpatrick, A. B. (Mrs. W. W. Glenn).....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.....Formerly 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 Dennis, 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.
 Sara 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.....Ellensburg, Wash.
 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.....Portland, 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).....Portland, Ore.
 Richard C. Doud, B. S.....Tacoma, Wash.
 Laetitia Clark, A. B. (Mrs. Frederick Lawrence).....Tacoma, Wash.
 Kenneth Irwin Ghormley, A. B.....Spokane, Wash.
 David J. Guy, B. S.....Spokane, Wash.
 Palmer Kennedy, A. B., L. L. B.....Tacoma, Wash.
 Jessie K. LaWall, A. B. (Mrs. F. L. Phipps).....Portland, Ore.
 William Lewis Paul, A. B.....Portland, Ore.
 Pearl M. Robbins, B. S. (Mrs. W. B. Mitchell).....Sumner, Wash.
 Gertrude Rolleston, B. S. (Mrs. R. Doud).....Tacoma, Wash.
 Raphael S. Towne, B. S.....Sisters, Ore.
 Joseph Turner, Ph. B., M. D.....New York City
 Edith Cavill Ware, Ph. B.....Spokane, Wash.
 Margareta E. Willert, A. B. (Mrs. Clare Anderson).....Salt Lake, Utah

1910

Monroe Green Everett, A. B.....McCarnich, Wash.
 Helma Rachel Hunter, A. B.....Kooskia, Idaho
 Frances H. Lackey, A. B. (Mrs. William Paul).....Portland, Ore.
 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.....Tacoma, 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 Annette Allen, B. S.....Puyallup, Wash.
 Emilie Arnston, A. B.....Tacoma, Wash.
 Sarah Regina Crandall, A. B. (Mrs. F. E. Day).....Tacoma, Wash.
 Anna Maud 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 Longstreth, A. B.....Tacoma, Wash.
 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, Wash.
 Ruth C. Spinning, B. S.....Sumner, 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 Russell Turnbull, B. S.....Toronto, Canada
 Frances Gertrude Wakefield, A. B. (Mrs. Charles Parker).....
Seattle, Wash.
 Augustus N. Williams, 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, Ore 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.
 Price, Leila.....Tacoma, Wash.
 Sims, Mrs. Julia.....Spokane, Wash.
 Tanner, Minnie C.....Spokane, Wash.
 Wait, Wallace T.....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
 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, Wash.
 Elizabeth Larsen, B. A., **Cum Laude**, Modern Languages....Bickleton
 Nina Naomi McGuire, B. S., **Cum Laude**, Home Economy..Thornton
 Ella Violet Miller, B. A., **Cum Laude**, Latin.....Spokane, Wash.
 Clara May Post, B. A., Economic Science and History.....Spokane
 Hazel Angelina Peth, B. S., Home Economy.....Mt. Vernon, Wash.
 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....Spokane, Wash.

1918

- C. Jay Boyington, B. A., Economic Science and History.....Spokane
 Daisy M. Bratton, B. A., Economic Science and History.....
Post Falls, Idaho
 James A. Burke, B. A., Economic Science and History.....Spokane
 Carl Elwin Clark, B. A., Economic Science and History.....
Culdesac, Idaho
 Daisy M. Chase, B. A., English.....
 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
 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 Merritt—Voice.....Valley, Idaho
 Hilda Marquardt—Piano.....Yakima, Wash.

HONORARY DEGREE

Doctor of Divinity

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

COLLEGE PREPARATORY COURSES

JUNIOR AND SENIOR YEARS

Planned to Correspond to the Last Two Years of Accredited High Schools

To meet the demands of applicants during the last two years for preparatory instruction the college has established a preparatory department of two years, which will be the junior and senior years of the High School.

Applicants should request the principal of the school attended to send a statement of credits and grades.

The courses offered are the English, General and the Scientific, following the schedule of the Spokane high schools.

The preparatory department will have instructors who have been especially trained for this service and who have had experience in teaching after having received a degree from some college.

The preparatory department instructors, however, will be under the direct supervision of the college faculty. All courses of study, schedules, examinations and regulations will be subject to the approval of the college faculty.

The college realizes the great importance of careful preparation for college courses and believes that such preparatory work can be done in harmony with the college methods when a student is in a class all of whom are preparing for college. The college faculty can adopt text-books for preparatory courses that will be closely articulated with the text-books to be used in college courses. The preparatory students will be benefited by college lectures, receive inspiration from its faculty and student body and even while in the sub-freshman classes feel themselves identified with the institution.

Many school districts of Washington do not offer a complete high school course. Therefore students wishing to prepare for college must leave home and prepare in some high school, private school or at some college having a preparatory department.

The preparatory department is also a benefit to graduates of high schools who enter Whitworth College but who need some special preparation as a pre-requisite to the college course—a subject not taken in the high school.

The preparatory department also invites those not wishing to prepare for college but wishing one or more high school subjects given under college supervision.

The preparatory department will have two-year courses (Junior and Senior years of the high school) as preparation for those wishing to prepare to enter any one of the following departments of Whitworth College:

Biology
Chemistry and Physics
English Language and Literature
History and Economic Science
Home Economics (Domestic Science and Art)
Latin and Greek
Mathematics
Modern Languages
Philosophy and Education.

Also subjects, preparatory and collateral, for the Pre-medical course, the Music course, and Public Speaking.

Rooms for preparatory students will be reserved in the college dormitories. The young women's dormitory is presided 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.

The tuition and all regulations for preparatory students will be the same as for Whitworth College students.

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

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 the largest Christian culture for a life of service to the world in the line of his chosen profession or activity. To this end, the College purposes the development of a devout and expanding religious life.

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 on the chapel exercises five days of each week and which shall be brief, consisting of singing of religious hymns, reading of the Bible, prayer and brief remarks by the President, some member of the faculty, or invited guests, on ethical and religious topics, but free from narrow bias, always having respect to the rights and convictions of the many faiths and creeds represented in the student body, shall be compulsory on all students. 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. Regular meetings of the faculty are held weekly, the President or Dean of Education presiding; 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, no policy or policies shall be put in 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 that will answer. 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, and there is no good hope for his recovery, he will not be retained. While temporary suspension, not exceeding forty-eight hours, in flagrant cases, shall always be within the authority of the President or Dean of Education, no student shall be suspended for longer period or 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, and 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.

