

1910

Whitworth College Bulletin 1910-1911

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VOL. 11

NO. 1

The Whitworth College
Bulletin

Catalogue Number 1910-11

Tacoma, Wash.



VOLUME XI.

TACOMA, WASHINGTON

No. 1

The *Whitworth College* BULLETIN



Containing the Annual Catalogue and
Register of Students of Whitworth
College, 1909-10, General Information,
Courses of Study, and other An-
nouncements, 1910-11. :- :-

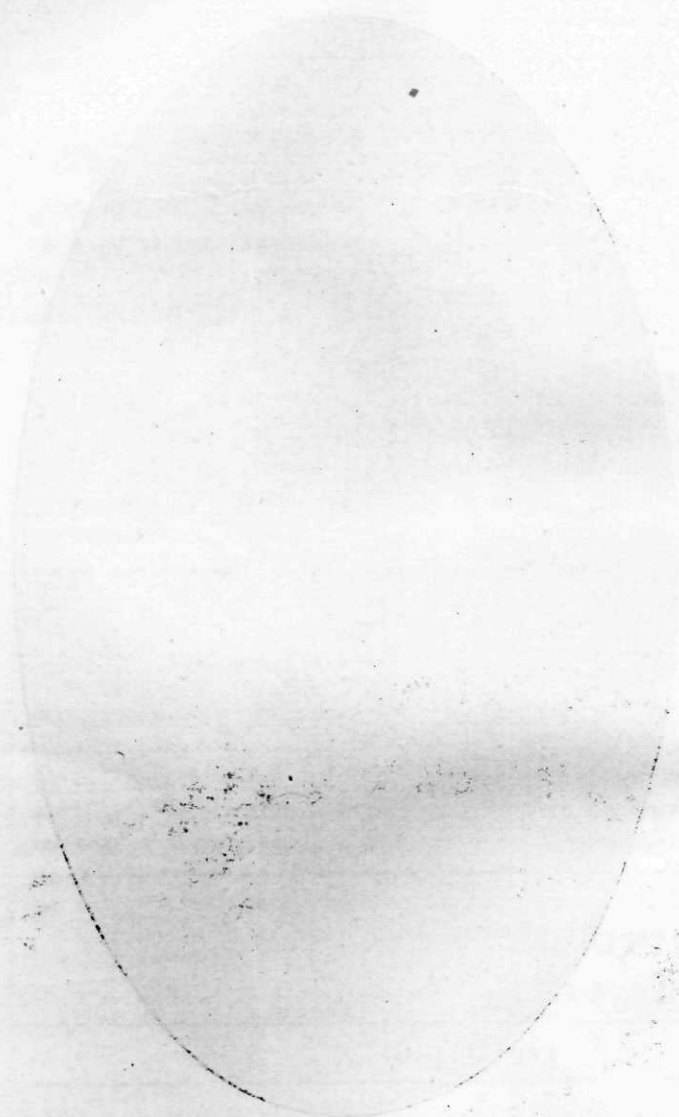


"Orando et laborando pro educatione juvenum"

Tacoma, Washington, May, 1910.

Entered at the Post Office, Tacoma, Washington, as second class matter,
March 7, 1900, under act of July 16, 1894.

Published monthly by Whitworth College During college year
with one mid-summer issue.





MT. TACOMA

The inspiration given by such scenes enables Whitworth to endow her students with noble ideals.

COLLEGE EVENTS.

1910.

Registration and Entrance Examinations

.....	Tuesday, September 13, 9 a. m.
First Semester opens.....	Wednesday, September 14, 9 a. m.
Convocation Address.....	Friday, September 23, 8 p. m.
Second Quarter Bills Due.....	Monday, November 14
Thanksgiving Day, Holiday.....	Thursday, November 24
Class Work Resumed.....	Monday, November 28
Christmas Vacation Begins.....	Friday, December 16, 4 p. m.

1911.

Class Work Resumed.....	Tuesday, January 3, 8:25 a. m.
Mid-Year Examinations.....	January 24 to 27
Second Semester Begins, Third Quarter Bills Due,	Monday, January 30
Day of Prayer for Colleges.....	Thursday, February 9
Washington's Birthday, Holiday.....	February 22
Fourth Quarter Bills Due.....	Monday, April 3
Field Day.....	Thursday, May 18
Memorial Day, Holiday.....	Tuesday, May 30
Final Examinations.....	May 31, June 1, 2
Commencement Week.....	Sunday, June 4 to Thursday, June 8
Baccalaureate Address.....	Sunday, June 4, 3:30 p. m.
Annual Meeting Board of Trustees.....	Tuesday, June 6, 10 a. m.
Graduating Exercises.....	Thursday, June 8
Regular Meetings of the Board of Trustees,	
.....	September 27, January 24, April 25, June 6

Incorporated as
SUMNER ACADEMY
1883

Incorporated as
WHITWORTH COLLEGE
1890

Relocated in Tacoma
1899

Reopened
January 2, 1900

BOARD OF TRUSTEES

Class of 1910

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Class of 1911

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EXECUTIVE—Trustees Hutchison, Johnston, Longstreth and Stone.
FINANCE—Trustees Ballard, Longstreth and Stone.
FACULTY—Trustees McLeod, Stone, Ballard, Loose, Matthews and Wilson.
ENDOWMENT—Trustees Loose, Ballard, Black, Johnston and Jones.
GROUNDS and BUILDINGS—Trustees Hutchison, Kirkpatrick, Ford, Whit-
worth and Johnston.
HONORARY DEGREES—Trustees McLeod, Matthews, Wilson and Loose.
CURRICULUM—Trustees McLeod, Wilson, Hayden and Long.

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McClain, Rev. Harry S. Templeton, Rev. Herbert M. Course, Rev. T.
Henry Lewis, Rev. Hugh T. Mitchelmore, Rev. Edward Marsden.

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Herschel E. Hewitt, A. B.

REGISTRAR

Floyd T. Voris, A. M.

DEAN OF WOMEN

Miss Florence G. Douglas, A. M.

SECRETARY OF THE FACULTY

Amos T. Fox, B. L., B. D.

FINANCIAL SECRETARY

T. Davis Acheson, Ph. B.

The Policy

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 for 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 of 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 usual courses of four years leading to the degrees of Bachelor of Arts and Bachelor of Science.
- II.—The Academy, which is a preparatory school to fit students for the college courses. Certificates of graduation are given.
- III.—The School of Music, offering courses in Voice, Piano, Organ, Violin, Mandolin and Guitar, together with the Theory of Music and the History of Music.
- IV.—The Art School, with courses of instruction adapted to various requirements.

V.—The School of Expression and Physical Culture, offering courses in voice building, oratory, elocution and physical culture.

VI.—Commercial School, offering courses in typewriting, stenography, bookkeeping, commercial law, commercial arithmetic, spelling, correspondence, penmanship.

VII.—School of Engineering—Course in Civil Engineering.

THE OBJECT.

The avowed object of the College and the inspiration of all its ideals is Christian Education. While denominational in auspices, being conducted by the Presbyterian Church, it is in no sense sectarian, since the institution does not teach the tenets of that or any other religious body. It is the aim of the Faculty so to conduct the institution that a potent religious influence may always be felt, and to promote a deep religious life among the students of the College. To this end the Bible is a chief text-book. A large proportion of the students are active Christians, indicative of the religious interests of the homes represented.

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 developing 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 three conditions:

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

Second. The recognition of God's word as the only safe moral guide, both by the devout attitude of teachers in and out of the class room, and by suitable opportunities to study that word as the Book of Books.

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

The Whitworth College platform, summarized, embraces general courses of instruction, seeking character building as the prime consideration, broad culture as a secondary result, and, thirdly, accurate knowledge; personal attention of teachers and intensive methods of instruction; the study of God's word, and a moral responsibility resting upon the institution for the maintenance of wholesome, helpful discipline.

General Information

THE COLLEGE SEAT.

Tacoma is centrally located and easily accessible by train, the various branches of the Northern Pacific, Chicago, Milwaukee & Puget Sound and Great Northern reaching out into the most important sections of the State. Boat lines connect Tacoma with San Francisco, Victoria and Vancouver, B. C., and with Alaskan ports, and with Seattle and the many points upon the Sound. Ocean lines from Yokohama, Hong Kong and Honolulu afford regular and convenient service to distant ports. An interurban electric line, with an hourly service, connects Tacoma with Seattle and intermediate points.

Tacoma is noted as a city of beauty and beautiful homes. Its regularly laid out streets, well kept public parks, the scenic attractions, and the culture and taste of its people, make it a desirable residential city, and an ideal location for a College.

The various art, musical and literary organizations attest the intellectual status of the inhabitants where the college has found its home. Tacoma has also an enviable distinction as an educational center, so that the college finds genial conditions securely established.

THE SITE AND BUILDINGS.

The home of the college is in a suburban addition to the City of Tacoma. It is a favorite residence section, familiarly known as the "North End." The college buildings stand upon a high bluff, or promontory, known as Inspiration Point, commanding a view with a wonderful variety of attractive features.

The college occupies six commodious and well adapted buildings:

The Ladies' Hall is reputed to be the most elegant structure of its kind northwest of the Mississippi river. It contains sixty commodious and well finished rooms. Large verandas extending along the front

and one end of The Hall afford unusual opportunities for young ladies to promenade during rainy weather.

No more picturesque and inspiring scene is afforded anywhere in this country than from the spacious colonade of the Ladies' Hall of Whitworth College. Travelers repeatedly state that it is surpassed only by the Bay of Naples.

The Erwin Hall is another well-appointed home for the young women of the College. In this building are located also the musical studios and parlors.

The Lodge and Olmsted Hall are the homes of the young men of the College. Both these buildings are steam heated and electric lighted and every effort is being made to make them attractive and home-like.

The Gymnasium is one of the newer buildings on the Campus. Its dimensions are 90x115 feet. The front portion of the building is two stories high, besides a spacious basement which, when completed, will contain a large swimming pool and lockers, together with directors' office and examination rooms.

On the first and second floors of this building are located the Y. W. C. A., Y. M. C. A., Literary Society rooms and the gymnasium proper, which, with its overhead running track, is one of the finest in the Northwest. A physical director is in charge.

Mason Hall is one of the scholastic buildings. The first floor is occupied by the Chapel and will seat 400 people, while the second floor is used for library, administration and class-room purposes.

THE LIBRARY.

The foundation of the College Library proper was laid by Mr. Carlo W. Shane, now deceased, formerly of Vancouver, Washington, who made the first donation, consisting of a large number of valuable books. In 1893, Mrs. Bertha P. Thompson gave 297 volumes to the library, to be known as the "James Prentice Thompson Library." Two years later Mrs. Hannah S. Spangler, wife of Rev. Joseph M. Spangler, a member of the Presbytery of Puget Sound, gave almost the entire library of her husband (300 volumes), to be known as the "Spangler

Library." Mrs. Scott, widow of the late Judge Scott, gave a number of volumes to the library. Mrs. A. W. Bash, of Seattle, recently added 200 volumes. Many of these books and pamphlets are old and rare, rendering these library additions of unusual value.

The college possesses what is widely known as the Allen C. Mason Library, consisting of over six thousand well-selected volumes. This is an excellent working library, consisting largely of general literature, art, history and philosophy, besides the reference books usually found in a well-selected library of that size. A great amount of time and means were expended in making this collection, and the results attest the scholarship and refined taste of the founder.

Funk & Wagnalls Company gave a very valuable collection of sociological works; also reference books, through the efforts of Rev. J. A. Laurie, Sr. There are other smaller contributions.

Among prominent features of this collection may be noted complete sets of Blackwood, the Edinburg Review, The Century, and Harper's Magazines. The library on the whole is distinctly a working library for a college, containing large works on literature, art, history, philosophy, science and reference works. It is thus eminently adapted for research work.

The Tacoma Free Public Library contains over 25,000 volumes, both in its circulation and reference departments, and is valuable for student use.

LABORATORIES.

The Science Department has three laboratories—a chemical laboratory, a physical laboratory and a biological laboratory.

The Chemical Laboratory is modernly equipped throughout with fixtures and apparatus. Each student has a locker, with table space of his own, and is supplied with the necessary apparatus for his course. Each student, moreover, works independently and is enabled to do advanced work.

The Physical Laboratory occupies one-half of the large basement of Erwin Hall. Physics and geology have been separated from chemistry and biology, and the laboratory equipped with cases and heavy tables and a large assortment of apparatus.

The Biological Laboratory occupies a large room on the first



A GROUPING OF SOME OF THE BEST HOMES IN TACOMA
The Ideal Place for



A SUPERB OUTLOOK OVER THE
The Inspirational Point in Tacoma, Vashon and Maury Islands to the Left and the I

floor of the same building and is so situated that it can be thrown open and made one with the science lecture room. A good assortment of specimens and apparatus have been selected and secured and the laboratory is well fitted up with tables and cases.

MUSEUM.

The basis for a museum has been obtained, consisting of a number of valuable contributions, mainly the gift of Rev. John McMillan, Ph. D., now of Garber, Oklahoma, made up of curios gathered in South Africa. A valuable addition has been made in a study collection of rocks from the United States National Museum. A number of carefully selected mineral specimens have been purchased. Prof. Voris' private collection of rocks and fossils is available for the use of the classes in geology. Marine life is abundant and each year collections are made.

The institution is particularly fortunate in having free access to the celebrated Ferry Museum. The benefits of this large and valuable collection of coins, curios, historical relics, old books and other interesting specimens, are free to this institution, thus making the museum, with all its treasures, as available for educational purposes as though owned by the college itself.

The State Historical Society has its rooms in the City Hall, where a large collection of historical material pertaining to the State has been arranged for public study and investigation. Students have privileges.

THE RELIGIOUS LIFE.

The object of Whitworth College is to extend the benign influence of *Christian education*. The administration of the college is in full accord with this lofty purpose, while magnifying the reasonableness of the religious life as a man's truest and best life, it imparts no sectarian instruction and makes no sectarian requirements.

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

All students are required to attend religious services at least once 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.

The Day of Prayer for colleges is now one of the College Days, and 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 a 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 Columbia Beach, Ore., and Breakers, Wash.

Vesper services are held each Sunday afternoon at five o'clock, in The Ladies' Hall. Vespers is now one of the features of the home life, the services being adapted particularly to the student need.

The Y. P. S. C. E. of the neighborhood, well sustained by the various shades of religious belief commonly found in any community, holds Sunday service in Bethany Church, two blocks from the college.

STUDENT ORGANIZATIONS.

The Student Body maintains an organization known as the Student Association, that has control of all associated student effort except the religious and literary societies. Among the enterprises conducted by the Student Association may be mentioned, The Whitworthian (the student paper), and the various athletic associations.

A student's eligibility for athletic teams at any time depends upon his having passed a reasonable number of hours' work the previous term, and his continuance on teams is determined by the regular standard in daily work.

The dues to the Student Association are \$5.00, payable annually at the time of registration, at the office of the college.

The Kappa Gamma Society is an organization of young women of college grade for literary work. The regular meetings of this Society during the past years, and the several public programmes, have been of unusual merit.

The Criterion Literary Society is composed entirely of young men and young women of college rank.

The several classes in both College and Preparatory School are organized for mutual improvement and the promotion of class and general college spirit.

The Dramatic Club is an organization of young women that occasionally gives delightful public performances.

The Lawn Tennis Club is another permanent organization. A tournament is held each spring.

One of the social events of the year is the Colonial party, with costumes and forms of entertainment in keeping with "Auld Lang Syne." The college literary societies have charge of this affair, under the direction of the Faculty.

The Preparatory School always celebrates Valentine Day by a party of its own.

The Sigma Delta Gamma is a social organization of girls.

THE CECIL RHODES SCHOLARSHIP.

Mr. Frederic D. Metzger is in his second year's residence in Oxford as the elected scholar for the State.

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 a professional examination in History of Education, Pedagogy and School Law. For these, elective courses are given by the Department of Philosophy. Teachers can take special normal work, and are required to teach classes under the heads of the different departments. This is an excellent feature for young teachers.

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. Also Columbia.

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.

Higher official endorsement than the above can hardly be required by an inquiring patron or student.

DISCIPLINE.

The college has but one rule, and that is a very simple one—*to do right*. Good moral conduct, the proprieties observed everywhere in good society, studious habits, promptness and regularity in all engagements, cover, in a general way, all the requirements.

Each student, upon entering Whitworth College, agrees for himself or herself, and, if a minor, the parents guarantee, the careful observance of all requirements made for the welfare of the college and the highest interest of the student.

BOOKS.

Students provide their own books, note books and tablets. The college operates its own book store, in Mason Hall, selling all books at list price, and stationery and all school supplies at the usual price of stationers.

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 fees for the whole semester. A student leaving during the last month of a semester will not be entitled to any rebate. Room rent, if a room has not been previously engaged, and board will be charged from the time of entering to the end of the current quarter, a fraction of a week being 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.

TABULATED EXPENSES.

Tuition—Tuition in the College, the Academy or the Commercial	
School, per year	\$60.00
Piano, two half-hour lessons per week, for the semester	35.00
One half hour per week, for the semester	18.00
Less than nine lessons, each	1.25
Voice, Two half-hours per week, for the semester	45.00
One half-hour per week, for the semester	24.00
Less than nine lessons, each	2.00
Rent of piano for practice, one hour daily for the semester	4.00
Two hours daily for the semester	8.00
Harmony, in class, for the semester	8.00
Individual lessons, same as piano.	
Violin, one lesson per week, for the semester	18.00
Less than nine lessons, each	1.25
Mandolin, Guitar and Banjo, one lesson per week, for the semester	18.00
Less than nine lessons, each	1.25
Oratory, individual, two lessons per week, for the semester	35.00
One lesson per week, for the semester	18.00
In class, two lessons per week, for the semester	18.00
Individual lessons, less than nine, each	1.25
Art, Full course, for the semester	30.00
One lesson per week, for the semester	18.00
Two lessons per week, for the semester	27.00
Less than nine lessons, each	1.50
Juvenile classes, one one-and-a-half-hour lesson per week, for the semester	9.00
Laboratory fees:—	
Chemistry, for the year	7.50
Physics, for the year	5.00
Biology, for the year	5.00
Gymnasium:—	
Special students, or those not in one of the regular scholastic departments, using the gymnasium, for the semester	3.00

Diplomas:—

College diploma	5.00
Academy	2.50
Complete Commercial Course	5.00
Shorthand or bookkeeping only	2.50

Board and Room:—

Table board by the quarter is \$3.50 per week.

Single meals, twenty-five cents; 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, payable by the quarter in advance.

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.

Breakage deposits:—

Each student makes a deposit 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.

In addition to the laboratory fees each student in a 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:—

Special students in the college or academy, or those enrolled in any of the special departments and taking studies in the college or academy, pay \$8.00 per semester for each class.

Students enrolled in other departments of the college will be charged \$15.00 per half year each for shorthand or bookkeeping, and \$10.00 for typewriting.

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

REPORTS.

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 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 DEAN OF WOMEN.

The young women, both day students and boarders, are under the immediate supervision of the Dean. She is their friend, counsellor and director.

HOME DEPARTMENT.

PRONOUNCEMENT.—*Whereas*: We, as a Board of Trustees, to whom is entrusted the oversight and direction of Whitworth College, and into whose hands is committed the character and destiny of the pupils in this institution, declare it to be our earnest desire that the students shall attain the highest spiritual life, together with a thorough and liberal education.

And Whereas: The primary object of this College as a Christian institution, is to afford ample opportunity to the young men and young women to acquire a thorough education in all the higher branches of learning, together with every possible Christian influence.

Therefore, Be It Resolved: That we assure parents throughout the world that these ends shall be attained.

That we assure them that all harmful amusements, such as dancing and card playing, are strictly forbidden in the college, and on the part of the pupils committed entirely to our custody.

That we assure the Church at large that the institution is distinctly Christian, and that all its professors are required to exert a Christian influence over the students.

Furthermore, Be It Resolved: That we, as a Board of Trustees, having assured the world and the church at large of our purposes and intentions to educate, train and Christianize young men and young women, urge pastors and parents throughout the Church to become

friends and patrons of Whitworth College, assuring them that the young men and young women sent forth from our college will be fitted for the truest and largest service in the Kingdom of our Lord, and will reflect the greatest credit on their Alma Mater. (Special resolution, adopted by the Board of Trustees, April 26, 1904, and ordered printed in the catalogue.)

THE SOCIAL LIFE.—The Whitworth College home life is a distinctive feature. That every phase of social contact shall be salutary and helpful it is imperative that no one be admitted to the college family circle who is unworthy of confidence and respect. For this reason no applicant is received as a boarder who is not well recommended by persons known to the college authorities as entirely responsible. The sole condition is moral worth, not birth, position or wealth. It makes no difference how humble the social sphere, or inept in social usage, the applicant is welcome to Whitworth, and is assured in advance, of congenial associations if he or she is morally worthy and anxious to improve. Upon the other hand, no amount of social pretensions will induce the authorities to accept the applicant if believed to be undesirable, or to retain a student found to be morally injurious to the college circle.

THE SABBATH.—The tranquil suburban location of the college, the wonderfully inspiring scenic surroundings, the privileges of the library and reading room, the companionship of teachers and the quiet of one's own room, ought to make Sunday at the College one of the best influences the institution affords. Any sort of engagement or amusement incompatible with the peace, quiet and restfulness of the Sabbath day, certainly unfits the student for the occupations of the week, and should be scrupulously avoided.

HOME REGULATIONS.—Non-resident students board and room in the college buildings under the immediate supervision of the President and faculty.

The young men are under the same regulations that govern the life and conduct of the young women.

Non-resident 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.

RECEPTION HALL



Business engagements are made only with parents and 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.

Friday evening is a social evening, the home circle usually providing some form of entertainment in which all are expected to join.

No student in residence may spend an evening at any place of amusement, or the night away from the college, without proper excuse previously granted. Visits at home or out of town over Sunday, and any engagements that interfere with the usual hours of work, rest and regularity in living will seldom be permitted.

Each boarder furnishes his or her napkins (six), napkin ring, mattress for three-quarter bed, and bedding, including pillow, pillow cases and bedspread, hand and bath towels, laundry bag, toilet articles, and carpet or rug for 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 wire spring, a dressing case, study table, chair, rocker, washstand 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 the Christmas vacation at the regular rate, under the usual home regulations.

Study hours are from 7:30 to 9:30 p. m., except Friday night. Students are free from college duties Sunday afternoon and evening, except at Vesper service.

TO REACH THE COLLEGE.

BY BOAT.—The wharves are all near the Pacific Avenue trolley line.

BY TRAIN.—The Point Defiance car passes in front of the Northern Pacific depot. Fare paid upon the Interurban entitles the passenger to a transfer to the Point Defiance line. *Ride to North Forty-second Street, and walk two blocks to the college.*

BAGGAGE.—The college has a special arrangement, at favorable rates, for delivery of baggage. Students should bring their checks to the college with them to insure prompt attention and delivery. The Matron looks after the baggage for girls, and the superintendent at the Lodge for the boys.

Immediate needs should be provided for by carrying hand baggage.

PUBLICATIONS.

The Whitworth College Bulletin is published monthly, and sent free upon application. Address the college.

The Whitworthian is the college paper, published by the Student Association at a nominal subscription price. It should be in the hands

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.

Blank application forms may be secured of the President.

A student may enter either by diploma from an accredited High School or by examination.

Students from other colleges, with certificates of honorable dismissal, applying for classification higher than the Freshman year, must give satisfactory evidence of having thoroughly performed the work of this institution preceeding that of the classes they wish to enter, or, else, be examined on the studies that have been pursued by the class they desire to enter.

Applicants entering by examination will find the requirements outlined below.

ADMISSION TO FRESHMAN CLASS.

All candidates for admission to the Freshman Class, not provided with certificates as above, must pass an examination upon the following branches:

*ENGLISH—

- (1) A thorough knowledge of Grammar;
- (2) Elementary Rhetoric and Composition;
- (3) Ability to read with intelligible expression;
- (4) In the study of the masterpieces the college adopts, substantially, the official announcement of the Joint Conference of the College and Secondary Schools—

* Note—No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom or division into paragraphs.

LATIN—

- (1) Four books of Cæsar's Commentaries;
- (2) Six orations of Cicero;
- (3) Six books of Virgil's Aeneid;
- (4) Latin prose composition;
- (5) Sight reading.

*GREEK—

- (1) Greek Beginners' Book;
- (2) Xenophon's Anabasis (four books);
- (3) Homer's Iliad, books I.-III.
- (4) Greek Prose composition and syntax;
- (5) Sight reading.

GERMAN—

- (1) German Grammar;
- (2) Prose translation;
- (3) Sight reading;
- (4) German prose composition.

MATHEMATICS—

- (1) Arithmetic, including the Metric System;
- (2) Hall & Knight's School Algebra;
- (3) Plane and Solid Geometry, with original problems.

HISTORY—

- (1) English History;
- (2) Ancient History.

SCIENCE—

- (1) Elementary Physiology;
- (2) Physical Geography;
- (3) Elementary Physics;
- (4) Botany;
- (5) General Chemistry.

* Greek is required of candidates for admission to the Greek classical course.

COLLEGE COURSE

Four courses of study are offered. Each of these courses extends through four years. Major and minor groups of studies are required as outlined for each course, but the student is permitted a certain degree of freedom in the choice of the particular studies within the groups.

Course I., Greek Classical:—This course makes the ancient languages and English the basis of education. In addition, studies in science, modern language, history, mathematics, etc., are pursued. The degree of Bachelor of Arts is conferred upon those who complete this course.

Course II., Latin Classical:—In this course one ancient and one modern language is required as a major group. Mathematics, history, philosophy, science, etc., are also required as a minor group. The degree of Bachelor of Arts is conferred upon those who complete this course.

Course III., Scientific Course:—This course is based primarily upon the study of the natural sciences, but includes a sufficient amount of mathematics, history, economics and language to make it the equal of any other course in point of discipline and culture. This course affords the student abundant opportunity to specialize in biology, physical science, or any other of the natural sciences. The degree of Bachelor of Science is conferred upon those who complete this course.

Course IV., Mathematical-Scientific:—In this course mathematics and the natural sciences are made the major requirements. Studies in philosophy, economics, languages, etc., are also pursued. The degree of Bachelor of Science is conferred upon those who complete this course.

The above courses are so arranged and adjusted that those wishing to fit themselves to enter professional courses in medicine, civil and electrical engineering, and other occupations requiring advanced studies will find that these college courses are not only an admirable preparation for the professional schools, but enable the graduate to take advanced standings in the technical and graduate departments.

Candidates for the Bachelor's degrees, in order to obtain a diploma, must have all conditions removed by the beginning of the last semester of their senior year.

GRADUATION.

To graduate requires inclusive of Bible Study and Physical Culture, sixty-six units.

A course consisting of one hour per week through the school year is counted one unit.

To graduate *Cum Laude* requires an average grade of 90 per cent.

To graduate *Magna Cum Laude* requires an average grade of 95 per cent. no grade to fall below 80 per cent.

COURSE IN OUTLINE

Classical.	Latin. Classical	Scientific	Mathematical. Scientific
FRESHMAN Greek, Latin, Mathematics, English, Bible,	FRESHMAN Latin, Greek or German, Mathematics, English, Bible,	FRESHMAN Science, Mathematics, English, German, Bible,	FRESHMAN Mathematics, Science, English, German, Bible,
SOPHOMORE Greek, Latin, History, Science, Bible, * Physical Culture.	SOPHOMORE Greek or German, Latin, History, Science, Bible, * Physical Culture.	SOPHOMORE Science, Mathematics, History, German, Bible, * Physical Culture.	SOPHOMORE Mathematics, Science, History, German, Bible, * Physical Culture.
JUNIOR Greek or Latin, English, History, Philosophy, Electives	JUNIOR German or French, English, History, Philosophy, Electives	JUNIOR Science, History, Philosophy, Bible, Electives	JUNIOR Mathematics, Science, Philosophy, Bible, Electives
SENIOR Greek or Latin, English, Social Science, Bible, Electives	SENIOR German or French, English, Social Science, Bible, Electives	SENIOR Science, English, Social Science, Bible, Electives	SENIOR Mathematics, English, Social Science, Bible, Electives

* Students are expected to take Physical Culture every year, but only two units are allowed.

COLLEGE COURSE BY GROUPS.

The college course is divided into the following groups for convenience in classifying:

Group "A" (a) Greek, (b) Latin, (c) German, (d) French, (e) Spanish.

Group "B" (a) English, (b) Oratory.

Group "C" (a) Mathematics, (b) Civil Engineering.

Group "D" (a) Physics, (b) Chemistry, (c) Biology, (d) Geology.

Group "E" (a) Philosophy, (b) Psychology, (c) Pedagogy.

Group "F" (a) Social Sciences, (b) History.

Group "G" (a) Bible.

Summary of Course I. by Groups:

Major Requirements....	{	Group "A" (a) 10 units, (b) 12 units.....	22 units
		Group "B" (a)	10 units
Minor Requirements....	{	Group "C" (a)	4 units
		Group "D" (b) 3, (c) 3.....	6 units
		Group "E" (a) or (b).....	4 units
		Group "F" (a) or (b).....	4 units
		Group "G" (a)	4 units
		Elective	10 units
		Total.....	64 units

Summary of Course II. by Groups:

Major Requirements....	{	Group "A" (a) or (b) 8, (c) or (d) or (e) 14	22 units
		Group "B" (a)	10 units
Minor Requirements....	{	Group "C" (a)	4 units
		Group "D" (b) or (c).....	6 units
		Group "E" (a) or (b).....	4 units
		Group "F" (a) or (b).....	4 units
		Group "G" (a)	4 units
		Elective	10 units
		Total.....	64 units

Summary of Course III. by Groups:

Major Requirements....	{	Group "D" (a) 5, (b) 5, (c) 5, (d) 3.....	18 units
		Group "C" (a)	8 units
Minor Requirements....	{	Group "B" (a)	8 units
		Group "A" (c)	8 units
		Group "E" (a) or (b).....	4 units
		Group "F" (a) or (b).....	4 units
		Group "G" (a)	4 units
		Elective	10 units
		Total.....	64 units

Summary of Course IV. by Groups:

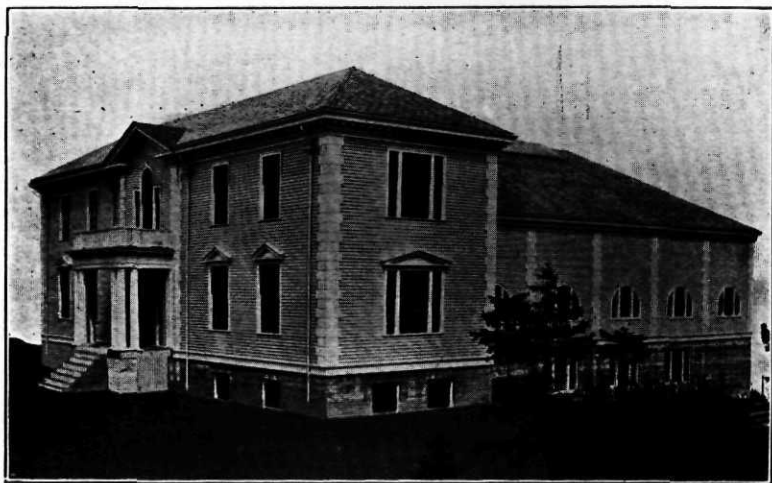
Major Requirements....	{	Group "C" (a)	16 units
		Group "D" (a) 5, (b) 5.....	10 units
Minor Requirements....	{	Group "B" (a)	8 units
		Group "A" (a)	8 units
		Group "E" (a) or (b).....	4 units
		Group "F" (a) or (b).....	4 units
		Group "G" (a)	4 units
		Elective	10 units
		Total.....	64 units

CIVIL ENGINEERING.

Preparatory Course the same as the Latin Scientific Course.

FRESHMAN	FRESHMAN	FRESHMAN
Fall Term.	Winter Term.	Spring Term.
Hours	Hours	Hours
College Algebra I (a) 4	Trigonometry — Plane and Analytical III (a) 4	Trigonometry — Plane and Analytical III (b) 4
Mechanics II (a) 2	Mechanics II (b) 4	Surveying IV (a) 4
Mechanical Drawing I (a) (4 hours as 2) 2	(a) (6 hours as 4) 4	Mechanical Drawing II (a) (6 hours as 4) 4
Latin or French 4	Latin or French 4	Latin or French 4
German 4	German 4	German 4
English 4	Bible 1	Bible 1
Bible 1		
Total Hours.....21	Total Hours.....21	Total Hours.....21
SOPHOMORE	SOPHOMORE	SOPHOMORE
Analytical Geometry X (a) 4	Analytical Geometry X (b) 4	Calculus IX (a) 4
Surveying, Topographical and Hydrographical IV (b) 4	Surveying, Topographical Field Astronomy IV (c) 4	Mechanics—Theoretical and Applied XII (a) 4
Topographical Drawing III (a) 2	Physics 4	Topographical Drawing III (b) 2
Chemistry (Laboratory work) 4	Chemistry 4	Physics 4
Physics 4	Bible 1	Chemistry (Qualitative Analysis) 4
Bible 1		Bible 1
Total Hours.....19	Total Hours.....17	Total Hours.....19
JUNIOR	JUNIOR	JUNIOR
Calculus—Differential IX (a) 4	Calculus—Integral IX (b) 2	Field Work—Summer Term of 4 Weeks.
Mechanics of Materials XIII (a) 2	Principles of Construction XV (a) 2	JUNIOR
Properties of Materials XIV (a) 2	Railway Engineering V (a) 4	Principles of Construction XV (a) 2
Geology (Determinative Mineralogy) 4	Geology (Determinative Mineralogy) 2	Railway Engineering V (a) 4
Descriptive Geometry XI (a) 2	Descriptive Geometry XI (a) 2	Graphical Statistics XVI (a) 2
Highway Surveying IV (d) 2	Geology (General) 4	Cement and Tests (Laboratory) 1
Bible 1	Bible 1	Geology (General) 4
		Geology (Determinative Mineralogy) 4
Total Hours.....17	Total Hours.....17	Total Hours.....18
SENIORS	SENIORS	SENIORS
Roofs and Framed Structures XVII (a) 4	Hydraulic Machinery XX (a) 2	Field Work—Summer Term of 4 Weeks.
Sanitary Engineering V (b) 2	Engineering Design VII (a) 2	SENIORS
Theoretical Hydraulics XVIII (a) 2	Sanitary Engineering V (b) 2	Hydraulic Machinery XX (a) 2
Water Works XIX (a) 2	Mine Engineering VI (a) 4	Bridge Design VIII (a) 24
Political Science 4	Bridge Design VIII (a) 4	Mine Engineering VI (a) 4
Applied Hydraulics (Laboratory) 2	Political Science 4	Political Science 4
Railway Engineering V (a) 3	Bible 1	Engineering Design VII (a) 4
Bible 1		Bible 1
Total Hours.....20	Total Hours.....19	Total Hours.....17

Note.—Owing to insufficient equipment, the above course is not given in full.



NEW GYMNASIUM AND LITERARY HALL



ERWIN HALL

Courses of Instruction

PHILOSOPHY.

Courses in the Department of 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 Weekly

II.—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 with 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 Baldwin, Ladd, McCosh, Dewey and others as reference works.

Second Semester. Three Hours Weekly.

III.—Ethics. This course presents a treatment both theoretical and practical, with a view to ascertain 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 is used as a guide.

Second Semester. Three Hours Weekly.

IV.—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 Weekly Throughout the Year.

V.—Movement of Thought in the 19th Century. Special course for seniors. Course IV. is a pre-requisite. Leading speculative theories of the past century are critically analyzed with a view to clear conception of recent philosophic investigation and to cultivate philosophizing.

Second Semester. Three Hours Weekly.

- VI.—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.
- VII.—Pedagogy. Rosenkranz' Philosophy of Education. Elective.
- VIII.—Pedagogy. School Management. Elective.
- IX.—Pedagogy. School Supervision. Elective.

Courses VII., VIII. and IX. will be given those preparing to teach, and will be developed as required. The pre-requisite of these courses are Courses I., II. and III. Text-books, lectures and practical discussions indicate the line of instruction followed.

In this and all departments the principle of alternation of subjects will be employed when deemed practicable for the interest of the department.

ECONOMIICS—SOCIOLOGY—POLITICAL SCIENCE

- I.—Political Economy, Seligman's Principles of Economics is the text book employed. Lectures and practical discussions of the applications of economic principles. It is the design of this course to cover the general field of economics.
First Semester. Four Hours Weekly.
- II.—Sociology. A careful survey of the subject as a whole, establishing the mutual relations of the sociological sciences, and tracing the laws and development of human society, with practical investigations and discussions. Given in 1911.
Second Semester. Four Hours Weekly.
- III.—Political Science. The origin, growth, functions, and present forms of the State, with discussions of practical political problems. Given in 1910.
Second Semester. Four Hours Weekly.

LATIN.

In the instruction given in Greek and Latin two objects are kept in view; first the mental discipline gained from the study of languages so highly developed and so closely related to our own; second, the knowledge and pleasure derived through acquaintance with the literature of the Greeks and Romans.

- I.—Cicero, De Senectute and De Amicitia. Latin prose.
First Semester. Four Hours.
- II.—Horace, Odes and Epodes. A study in the metrical system of Horace.
Second Semester. Four Hours.
- III.—Cicero or Pliny, Selected Letters. Thesis by the students upon assigned topics.
First Semester. Four Hours.
- IV.—Terence, Phormio. Plautus, Trinummus. Lectures upon the Roman Drama.
Second Semester. Four Hours.
- V.—Horace, Satires and Epistles. History of Roman Satire. Topic papers by the students.
First Semester. Four Hours.
- VI.—Terence, Andria. Plautus, Captivi. Lectures upon the Roman Drama.
Second Semester. Four Hours.
- Courses III. and IV. alternate with V. and VI.
- VII.—Tacitus, Annals.
First Semester. Three Hours.
- VIII.—Seneca, two plays. The period of Seneca. Lectures upon the Roman Drama.
Second Semester. Three Hours.
- IX.—History of Latin Literature. Given by lectures and assigned readings.
First Semester. Three Hours.
- X.—Roman Private Life. Given by informal lectures and topical assignments.
Second Semester. Three Hours.
- XI.—Teachers' Latin Course. Intended for those who expect to teach Latin. A thorough study analytically of the Latin grammar from the standpoint of principles. An investigation of the methods of instruction, of the aims of a Latin Course, and the various textbooks.
Throughout the Year. One Hour.

Where advanced students from secondary schools enter without Latin in the Scientific Course, they may offer an equivalent amount of modern language for the required Latin.

GREEK.

- I.—Lysias, Orations. An introduction to Greek Oratory. Greek Prose.
First Semester. Four Hours.
- II.—Plato, Apology, Crito and Phaedo (selections). A study of Greek Philosophy, especially Socrates and his school. Greek prose.
Second Semester. Four Hours.
- III.—Xenophon's Memorabilia. Greek Prose.
First Semester. Four Hours.

IV.—Homer, *Odyssey*. Rapid reading of Books I.-XII. Greek prose.
Second Semester. Four Hours.

Courses I. and II. alternate with courses III. and IV.

V.-VI.—Aeschylus, *Prometheus Bound*. Euripides, *Iphigenia in Tauris*.
Sophocles, *Antigone*. Aristophanes, *Clouds*. Various plays
read in different years.

First and Second Semesters. Three Hours.

VII.—Greek Literature. Lectures upon the Greek Drama. This course
is supplementary to courses V. and VI. Open to all students
of literature.

First and Second Semesters. One Hour.

VIII.—New Testament Greek.

First and Second Semesters. One Hour.

Students entering college without Greek may take as an elective,
courses covering the first two years' work.

MODERN LANGUAGES

GERMAN.

German I.—Careful drill in pronunciation, grammar, reading, translation of exercises from German into English and *visa versa*, common irregular verbs, inflections of articles, nouns, adjectives, conjugation of weak and strong verbs, use of prepositions, oral practice, writing German from dictation.
Collar, First Year German.

Reading, Glueck Auf, Storm's Immensee.

Five Hours Both Semesters.

German II.—Reading, prose composition, sight reading. Selection is made from the following texts: Baumbach, Der Schwiegersohn; Bernhardt, Auf der Sonnenseite; Heyse, L'Arrabbiata; Riehl, Der Fluch der Schoenheit; Freytag, Die Journalisten; Pope German Composition.

Four Hours, Both Semesters.

German III.—Reading, Composition and sight reading. Some of the following texts are studied: Lessing, Minna von Barnhelm; Schiller, Wilhelm Tell; Goethe, Hermann und Dorothea.

Three Hours, Both Semesters.

German IV.—History of German Literature and Critical Reading. Keller, Bilder aus der deutschen Litteratur. Survey of the literature from the earliest times. Goethe, Faust, part 1; Heine, Die Harzreise.

Three Hours, Both Semesters.

FRENCH.

French I.—Pronunciation, grammar, reading, composition, exercises for translation into English and French; writing of French from dictation. Drill on common irregular verbs. Fraser and Squair, French grammar. Francois, Simple French. Labiche et Martin, Poudre aux Yeux.

Four Hours, Both Semesters.

French II.—Modern French. Grammar continued. Translation, composition, sight reading. Selections are made from the following: Halevy, L'Abbe Constantin. Merrimee, Colomba. Augier, Le Gendre de M. Poirier. Malot, Sans Famille. Hugo, La Chute. About, Le Roi des Montagnes. Daudet, Selected stories. French prose composition.

Three Hours, Both Semesters.

French III.—Classic French. Tragedy and Comedy. Texts are selected from the works of Corneille, Moliere, and Racine. Advanced composition. Study of the French Academy, rise of the French Drama.

Three Hours, Both Semesters.

French IV.—History and Romance. The study of a selected history of French literature; a number of representative works will be read—chosen for the most part from writers of the Romantic School.

Alternates with Course III.

Three Hours, Both Semesters.

SPANISH.*

I.—Elementary Spanish Grammar. Class-room reading of modern plays and stories. Grammar, Hills and Ford; Spanish Reader, Ramsey; *El Capitan Veneno*, Alarcon; *El Si de las Ninas*, Alarcon.

II.—Literature and Composition. Grammar. Composition. Reading of principal dramatists. Spanish Literature. Spanish Composition, Ford; *Mariela and Dona Perfecta*, Galdos; *La Vida es Sueno*, Calderon; *Jose, Valdes*; Extracts from *Don Quijote*; Spanish Literature, Clark.

Three Hours per Week.

ENGLISH LANGUAGE AND LITERATURE.

I.-II.—Rhetoric and Composition. Text: Genung's "Working Principles of Rhetoric. Daily and Weekly themes, and a study of the principles of rhetoric. In the second semester, models of modern prose composition are studied. Required of all Freshmen.

First and Second Semesters. Four Hours Weekly.

III.—History of English Literature. A general survey of its development through the different schools from the earliest times to the period of the Classical School. Collateral reading.

First Semester. Two Hours Weekly.

IV.—History of English Literature. The Classical School. Romanticism. Readings from the great romantic writers. Special theses on work of the semester.

Second Semester. Two Hours Weekly.

V.—Drama. Laws and technique of the drama. Lectures on the development of dramatic literature. Reading and criticism of plays of Old English Dramatists.

First Semester. Two Hours Weekly.

VI.—Shakespeare. A careful study of selected plays. Course V. is a pre-requisite.

Second Semester. Two Hours Weekly.

VII.—The Georgian Poets. Representative works of Wordsworth, Shelley and Keats. Lectures on principles of literary criticism.

First Semester. Two Hours Weekly.

* Students are expected to have a knowledge of Latin and French before taking up the courses in Spanish.

VIII.—The Victorian Poets and Novelists. The effects of the critical, scientific, religious, artistic and social movements of the age upon its literature are considered.

Second Semester. Two Hours Weekly.

IX.—Old English. The Old English is studied with a view to giving the student a thorough grounding in the early form of our language. Reading of Old and Middle English literature. Alternates with VII-VIII.

First and Second Semesters. Two Hours Weekly.

HISTORY.

I.—General History. The Ancient Civilization—the Orient, Greece and Rome—completed by a study of the transitional period, the Middle Ages.

Throughout the Year. Three Hours Weekly.

II.—General History. The Modern Civilization—Europe from 1450 to 1910.

Throughout the Year. Three Hours Weekly.

In these courses, while the narrative is not neglected, the effort is to trace the development of civilization in its many aspects.

III.—Constitutional History of the United States, with a brief introductory sketch of the origin and growth of the English Constitution. Given in 1910-1911.

Throughout the Year. Three Hours Weekly.

IV.—*Constitutional History of England. Growth of the English Constitution, with constant comparison with American usages. Given in 1911-1912.*

Three Hours Weekly.

V.—History of Missions. This course is designed not only to cover the history, biography, literature, and present status of missions, but also to investigate the geographical, political, economic, and social conditions in missionary lands.

Throughout the Year. Two Hours Weekly.

In all these courses, in addition to recitation work, lectures are given, topical reports are required, and seminar methods are employed.

MATHEMATICS.

I.—College Algebra from quadratics. This course is required of all freshmen.

First Semester. Four Hours.

II.—(a.) Plane Trigonometry. This course is required of all freshmen. Pre-requisite 1.

Second Semester. Four Hours.

- (b.) Trigonometry. Lectures on the solution of triangles. This course is open to those who have had III-a (1910) or its equivalent.

First Semester. Two Hours.

III.—Analytical Geometry. Loci and their equations; rectangular, oblique and polar co-ordinates; transformation of co-ordinates; the straight line, the circle, the parabola, the ellipse, the hyperbola and higher plane curves.

- IV.—(a.) Differential Calculus. Continuous quantity, differentiation, limits, analytical application, geometrical application. Successive differentiation. Differential of algebraic functions. Maxima and minima.

Second Semester. Four Hours.

- (b.) Integral Calculus.

First Semester. Four Hours.

CIVIL ENGINEERING.

- 1.—(a.) Plane Surveying. Theory of chain, compass and transit surveying and leveling, use of instruments and their adjustments, methods used in the United States public land surveys, computations of areas, maps. Books of reference: Raymond, Johnson and Carhart.

First Semester. Four Hours.

- (b.) Railroad Surveying. Curves, location, computations and earth work. Books of reference: Trautwine's Engineering Pocket Book; Field Engineering, Searles; Field Book for Beginners, Henck; Railway Curves and Location, Shunk.

Second Semester. Four Hours.

- (c.) Topographical Surveying. Topographical and hydrographical, railway, city and mine surveying, field astronomy. References: Raymond & Carhart and Topographical Drawing and Sketching, Reed.

First Semester. Four Hours.

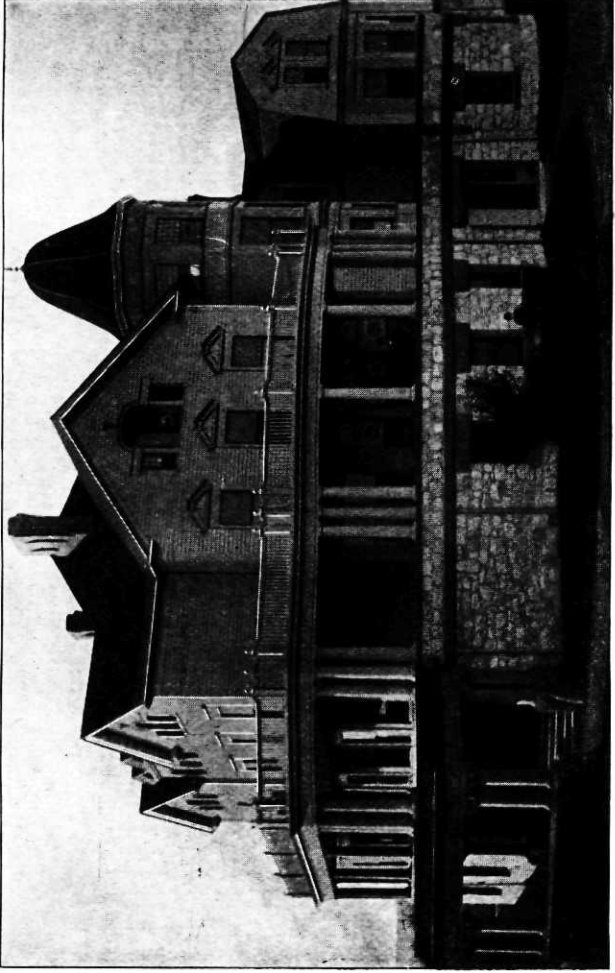
- (d.) Highway Surveying. Culverts, grades, paving materials, construction, specifications and practical problems. References: Reed, Baker and Herchel.

Second Semester. Two Hours Weekly.

- II.—(a.) Sanitary Engineering. Sewers, sewage disposal, general principles of sanitation. Books of reference: Sewage Disposal, Waring; Sewers and Drains, Adams; Drainage and Sewerage of Buildings, Gerhard.

- (b.) Mining Engineering. Quarry Methods, Tunnels, Mines Timbering, Ventilation, Underground Operations, Shafts. Books of reference: Practical Tunneling, Simms; Mining Manual, Ihlseng.

Second Semester. Four Hours.



LADIES' HALL



III.—(a.) Engineering Design. Complete Plans, specifications and estimates.

Second Semester. One Hour.

(b.) Bridge Design. Complete working drawings.

Second Semester. Four Hours.

IV.—(a.) Mechanics. Uniform Motion, Variable Motion, Graphical Representation of Motion, Composition of Motion, Falling Bodies and special cases. Measurement of Force, Dynamical Formulae, Expulsion Forces, Newtonian Laws. Energy, Work, Friction, Varieties of Energy, Conservation of Energy, application of the law of energy, the Wheel and Axle, the Pulley, Inclined Plane. Theory of the law of Equilibrium. Center of gravity and methods of finding the mass center.

First Semester. Four Hours.

(b.) Theoretical and Applied Mechanics. Kinematics, statics and kinetics, especially in reference to the problems of engineering as in dams, retaining walls, friction and motive power. Strength of materials, beams, girders, columns, rivets, joints.

Second Semester. Four Hours.

V.—Properties of materials. Wood, stone, cement, brick, concrete, iron, steel, paints, explosives.

First Semester. One Hour.

VI.—Principles of Construction. Foundations, masonry, retaining walls, dams, piers, etc.

First Semester. Two Hours.

VII.—Graphical Statistics. Lectures.

First Semester. Two Hours.

VIII.—Roofs and Bridges. Framed structures, trestles, cranes, drafting, plans and specifications. Recitations and drawings. Books of reference: Stresses in Roof and Bridge Trusses, Burr; Wooden Trestle Bridges, Foster; Bridge Drafting, Wright and Wing.

Second Semester. Four Hours.

IX.—Hydraulics, Water Works, Hydraulic Motors. Hydrostatics, their measurements, flow of water through pipes, orifices, canals, rivers, co-efficient of friction, calibration of nozzles. Water Works, Source, supply and quality. Purification and Storage. Construction. Hydraulics, Motors and Machinery. Water wheels, rams, pumps.

First Semester. Four Hours.

X.—Descriptive Astronomy. Text, Young.

ENGINEERING DRAWING.

I.—Mechanical Drawing. Use of instruments and practice in linear drawing, construction from printed descriptions in orthographic projection; free hand lettering.

Both Semesters. Two Hours.

II.—Descriptive Geometry. Projection of points, lines and planes; intersection of simple geometric forms; rotation of points, lines and planes; developments; geometric perspective applied to practical problems.

Both Semesters. Two Hours.

III.—Tracing and Blue Prints. Working drawings.

IV.—Topographical Drawing. Symbols, contours, profiles and color work.

CHEMISTRY.

I.—General Chemistry. An introduction to the study of Chemistry. The nature and properties of the common elements; the study and application of the fundamental laws and theories concerning their combination and the constitution of inorganic compounds. A certain amount of laboratory work is required in connection with this course. Text: Smith's College Chemistry.

Five Hours Throughout the Year.

II.—Qualitative Analysis. A comprehensive course in qualitative analysis of inorganic bodies and the preparation of organic salts. Text: Perkin's Qualitative Analysis.

1910-1911. First Half Year. Five Hours Weekly.

III.—Quantitative Analysis. Gravimetric Analysis. The separation and detection of metals, acids, water of crystallization, etc.; analysis of limestone and sanitary water analysis. Newth's Quantitative Analysis; Talbot, Caldwell, Mason's Water Analysis, etc.

1910-1911. First Half Year. Five Hours Weekly.

IV.—Quantitative Analysis. Volumetric Analysis. Volumetric determination of iron and copper ores, valuation of soda ash, preparation of standard solutions, etc. Analysis of water for boiler purposes and methods of purification. Sutton Volumetric Analysis.

1910-1911. First Half Year. Five Hours Weekly.

V.—Organic Chemistry. Laboratory work in the preparation and purification of compounds selected from the fatty and aromatic series for the illustration of important synthetic reactions and verification of the constants. Texts: Gattermann, Preparation of Organic Compounds.

1911-12. Five Hours Weekly. Hours to be arranged.

BIOLOGY.

I.—Zoology. A study of typical forms of the invertebrate animals illustrating structure and functions. Discussions of the history, theories, and principles of biology. Practice in identification

of species, and classification. Lectures, recitations and laboratory work. Reference books: Parker and Haswell, Jordan and Kellogg, Kingsley.

1910-11. First Half Year. Four Hours Weekly.

II.—Zoology. A continuation of Course I. The vertebrate forms will be the basis of study.

1910-11. Second Half Year. Four Hours Weekly.

III.—Botany. A study of general plant relations. Exercises on the analysis and classification of the higher groups of plants. Text book and field work. Course offered in 1910-11.

First Half Year. Five Hours Weekly.

IV.—Botany. Recitation and text-book work, supplemented with lectures and laboratory work. This course will treat of plant structures, and of the biological principles involved in the psychology and development of plants. Course offered in 1910-1911.

Second Half Year. Five Hours Weekly.

V.—Human Physiology. A course in physiology extending through the first half year. Martin's Human Body (advanced) is used as a text book; Gray's Anatomy as a reference book.

1911-12. First Half Year. Five Hours Weekly.

VI.—Histology. A study of Protoplasm, the cell, and tissues as they underlie animal and vegetable life. This course will involve practice in staining, the preparation of microscopic slides, and the use of microscope. Laboratory work supplemented with lectures and recitations. Reference books: Stirling's Histology; Carpenter, "All About the Microscope." Course offered in 1910-11.

Second Half Year. Five Hours Weekly.

PHYSICS.

General Physics. Three hours per week are spent in recitations and lectures. Watson's Text Book of Physics will be used. Four hours per week will be spent in the laboratory, counting as the equivalent of two hours of recitation. Laboratory work is selected from the manuals of Ames and Bliss, Nichols, and Reed and Guthe.

Five Hours throughout the Year.

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 and 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.

A course in Mineralogy for which two credits will be given will be offered in 1911-12.

SPECIAL COURSES.—Students preparing for teachers' examinations will have the privilege of forming classes for review of Physical Geography and other sciences. The department is also prepared to give special attention to students intending to study medicine, and invites correspondence or conference in regard to this work.

EQUIPMENT.—The department occupies three fine laboratory rooms, well equipped, in Erwin Hall. Tables for individuals with lockers, cases, hot and cold water, sinks and other accessories, are provided. A hood, communicating with a large smoke-stack affords immunity from disagreeable and noxious gases. The apparatus is carefully selected and varied.

The College also possesses sufficient microscopic material for effective work in Biology, the neighboring ponds and the waters of Puget Sound furnishing a convenient source of supply. Point Defiance and other parks, as well as the surrounding country, also afford an interesting field for Botanical work, unexcelled in any part of the country. The fauna and flora are varied and abundant.

The United States government has selected Point Defiance Park as the big horticultural experiment station of Oriental and European bulbs and flowers. The park is located just north of the College campus.

BIBLE.

The Bible is taught and studied as the inspired book of the Kingdom of God. It is the history of Divine Revelation in order to Redemption. When rightly understood, it is its own best apologetic. When rightly studied and taught, it is itself the best book on "The Evidences" of Christianity, and the highest argument for, and exposition of, Christian Theism. While no discussion of sectarian issues is permitted in class room, and puzzling critical and theological questions are deferred to years when judgment shall have matured, the revealed character of God and His Will concerning daily life are carefully studied. The object of studying the Bible in a college course is not supposed to be primarily for devotional and spiritual purposes, but to impart a thorough knowledge of the Book of Books. The endeavor

is to arrange a consecutive interdependent and advancing course of study, adapted to the advancement of the student as he goes on through the College Curriculum.

The course is as follows:

- I.—Hebrew History from Call of Abraham to the birth of Jesus Christ. This gives a rapid survey of many of the books of the Old Testament and the general course of the national history, including the Maccabean period. The Westminster Normal Lessons and Blakie's Bible History are used as text books in connection with the Bible.
- II.—The Life of Jesus Christ as contained in the four Gospels. Text books, "Stevens' and Burton's Harmony" and "Stalker's Life of Christ."
- III.—Historical Study of New Testament books. Lectures are given on authorship, genuineness and authenticity; purposes of writing, and synthetic study of the contents of each book.
- IV.—The Prophets of Israel and the Prophetical Books. This includes study of authorship, environment; the place and function of the prophetic orders of the Prophets themselves; a synthetic study of the major and minor prophets, together with the books of Ezra and Nehemiah.
- V.—The Wisdom, Literature, Psalms, Job, Proverbs, Ecclesiastes. This is studied in connection with "Moulton's Literary Study of the Bible" as a text book.
- VI.—The Founding of the Christian Church, as given in the Acts of the Apostles and the Pauline Epistles. A brief history of the formation of the canon and a brief history of the English Bible.

The Whitworth Academy

This is a Preparatory School and is maintained for a two-fold purpose—first, to offer a logically arranged elementary course under the peculiarly advantageous conditions afforded by the college; second, to offer a logically arranged fitting course for college. The course starts with the eighth grade as the foundation.

ADVANTAGES.

First.—Heads of departments teach the beginning classes—in Latin, Greek, French, German, English, Mathematics and Science.

Second.—Small classes, permitting the personal attention of teachers and the daily recitation of each member of the class, thus admitting of maximum of individual instruction.

Third.—Personal interest of teachers in the progress of each student.

Fourth.—A compact, yet simple, course of study. Energies are not wasted carrying too many subjects—no over-work, worry or discouragement, but efficiency and thoroughness is attained.

It is understood that the studies covered by the eight grades in our public schools must be thoroughly mastered before a pupil is admitted to the regular preparatory classes.

A certificate of graduation is awarded upon the satisfactory completion of the course.

REQUIREMENTS FOR ADMISSION.

GENERAL.

First.—Recommendation or references as to good moral character.

Second.—Certificate of honorable dismissal from last school attended.

Third.—Report cards, teacher's certificate, eighth grade examination diploma, or statement of proficiency in the several branches given by last teacher, will receive due consideration.

Fourth.—Satisfactory evidence of fitness, by examination or otherwise, for the work desired.

In short, (1) good character, (2) a clean school record, and (3) willingness to work.

Three courses are offered, preparatory for the classical, philosophical and scientific courses in the college.

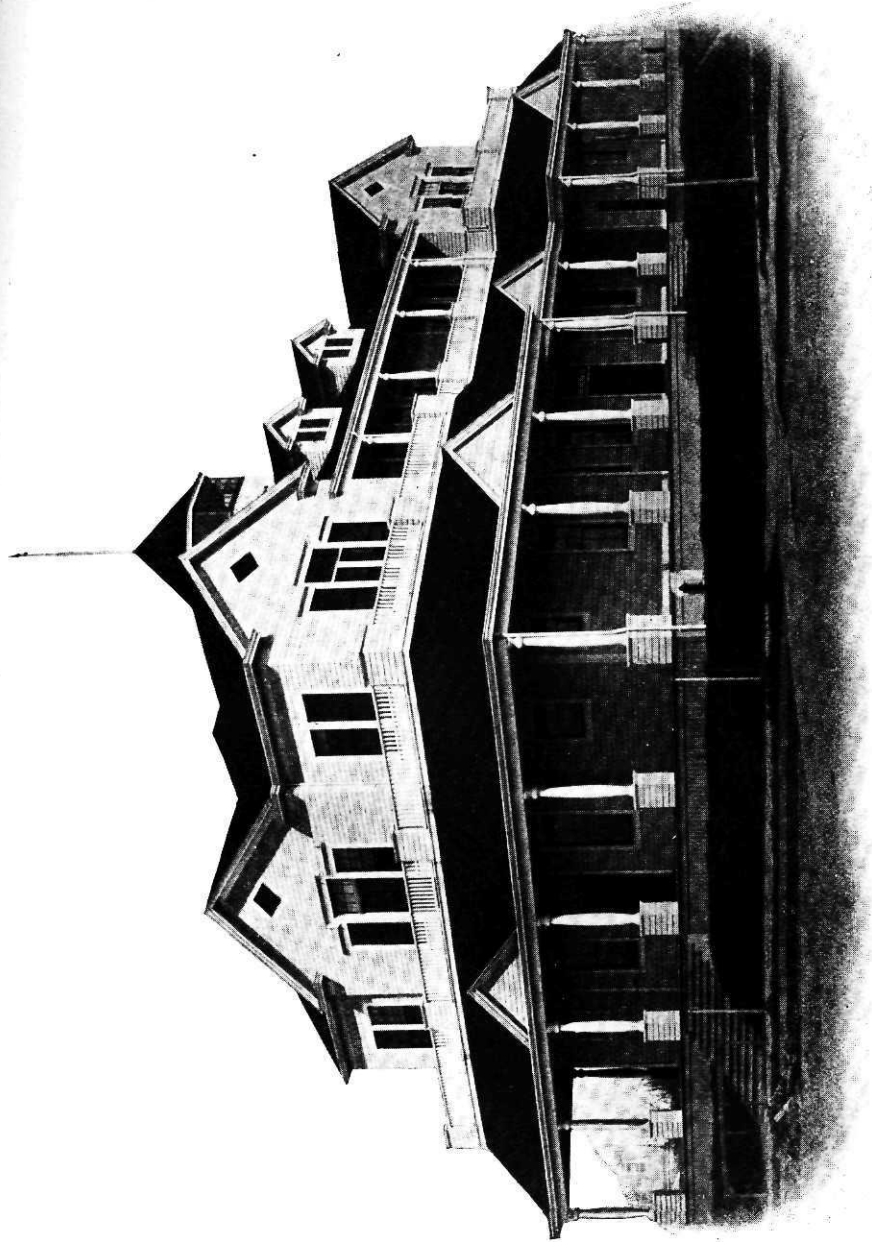
A *unit* is one recitation period of fifty minutes, each week, for an entire scholastic year—eighteen units means that the student recites eighteen hours a week, for a year. Minimum total units required for completion of the Academy Course is 68. Accordingly, a student must in the four years, receive credits for 68 units.

For description of subjects consult "Course of Study Briefly Explained."

SYNOPSIS OF ACADEMIC COURSES.

CLASSICAL. FIRST YEAR.	PHILOSOPHICAL. FIRST YEAR.	SCIENTIFIC. FIRST YEAR.
Latin 5	Latin 5	Latin 5
English 5	English 5	English 5
Ancient History 3	Ancient History 3	Ancient History 3
Algebra 5	Algebra 5	Algebra 5
Bible 1	Bible 1	Bible 1
Total 19	Total 19	Total 19
SECOND YEAR.		
Latin 5	Latin 5	Latin 5
English 5	English 5	English 5
Geometry 5	Geometry 5	Geometry 5
Physical Geography 3	Physical Geography 3	Physical Geography 3
Bible 1	Bible 1	Bible 1
Physical Culture 2	Physical Culture 2	Physical Culture 2
Total 21	Total 21	Total 21
THIRD YEAR.		
Latin 5	Latin 5	Chemistry or Botany 5
Greek 5	German or French 5	German or French 1
Algebra and Geometry 5	Algebra and Geometry 5	Algebra and Geometry 5
English 4	English 4	English 4
Bible 1	Bible 1	Bible 1
Total 20	Total 20	Total 20
FOURTH YEAR.		
Am. Hist. and Civics or English History .. 3	Am. Hist. and Civics or English History .. 3	Am. Hist. and Civics or English History .. 3
Latin 4	Latin 4	English 4
English 4	English 4	Physics 5
Physics 5	Physics 5	Bible 1
Bible 1	Bible 1	German or French 4
Greek 1	German or French 4	Physiology 3
Total 21	Total 21	Total 20

*In the Scientific Course, Latin may be substituted for German, or French.



THE MASON LIBRARY AND ADMINISTRATION BUILDING

COURSES OF STUDY BRIEFLY EXPLAINED.

GREEK AND LATIN.—The preparatory courses in Greek and Latin aim to give a thorough drill in the inflections and syntax. In order that this may be permanent, accurate and intelligent, the inflections are taught upon the synthetic principle of these two languages. This method renders the student independent in the mastery and application of these elements; it trains the reasoning faculties, as well as the memory, and prevents the student from blindly following any set paradigms.

The preparatory work in Greek and Latin is along the lines that analyse the principles of grammar, which are involved in the various cases and moods; this is the method particularly of the second and third years. Upon this critical analysis is based the study and application of the various rules, so that the student learns them not only accurately, but also intelligently, knowing the reason as well as the fact.

LATIN.

- I.—First Year Latin, Constructions, declensions and conjugations.
First and Second Semesters. Five Hours.
- II.—Caesar, four books completed. Latin prose.
First and Second Semesters. Five Hours.
- III.—Cicero, six orations. Latin prose.
First and Second Semesters. Five Hours.
- IV.—Vergil, Aeneid, six books. Mythology.
First and Second Semesters. Four Hours.

GREEK.

- I.—First Year Greek. Xenophon, Anabasis. Greek prose.
First and Second Semesters. Five Hours.
- II.—Xenophon, Anabasis, four books completed. Greek prose. Homer, Iliad, books I-III.
First and Second Semesters. Four Hours.

ENGLISH.—Eighth grade graduates are supposed to have a fair knowledge of English grammar and composition, and to possess, in some degree, an appreciation of good literature. The instruction in the Academy aims to secure a thorough study of the English language, to train the student in the accurate use of our tongue, and to acquaint him with the treasures to be found in our own rich and masterful literature.

ENGLISH I.—Study of five English masterpieces. Composition in connection with reading. Drill in the avoidance of common errors in English Grammar.

First Year. Five Hours Weekly.

II.—Word Study. Derivation and composition of words. Rhetoric. Reading of two books from the list of those required for entrance to college.

Second Year. Five Hours Weekly.

III.—Composition and Rhetoric. Mythology. Selected masterpieces.

Third Year. Three Hours Weekly.

IV.—Masterpieces: College Preparatory Reading for 1910-1911, completed. Special study of the essay and oration. Outline work and rhetorical.

Fourth Year. Three Hours Weekly.

German I.—Careful drill in pronunciation, grammar, reading, translation of exercises from German into English and visa versa, common irregular verbs, inflections of articles, nouns, adjectives, conjugation of weak and strong verbs, use of prepositions, oral practice, writing German from dictation.
Collar, First Year German.

Reading, Glueck Auf, Storm's Immensee.

Five Hours Both Semesters.

German II.—Reading, prose composition, sight reading. Selection is made from the following texts: Baumbach, Der Schwiegersonn; Bernhardt, Auf der Sonnenseite; Heyse, L'Arrabbiata; Riehl, Der Fluch der Schoenheit; Freytag, Die Journalisten; Pope German Composition.

Four Hours, Both Semesters.

French I.—Pronunciation, grammar, reading, composition, exercises for translation into English and French; writing of French from dictation. Drill on common irregular verbs. Fraser and Squair, French grammar. Francois, Simple French. Labiche et Martin, Poudre aux Yeux.

Five Hours, Both Semesters.

French II.—Modern French. Grammar continued. Translation, composition, sight reading. Selections are made from the following: Halevy, L'Abbe Constantin. Merrimee, Colomba. Augier, Le Gendre de M. Poirier. Malot, Sans Famille. Hugo. La Chute. About, Le Roi des Montagnes. Daudet, Selected stories. French prose composition.

Three Hours, Both Semesters.

HISTORY—The courses are so arranged as to give the student a helpful introduction to the study of history, and to supply him with the needful historical setting for other subjects. Stress is laid upon the class-room drill, insuring a right understanding of the facts in their mutual relations, and of the great processes in their development. In the first year Ancient history is taken, following the course in U. S. history in the public schools. In the fourth year a student may elect either a course in elementary English history or an advanced course in American history and civics.

MATHEMATICS—Algebra is carried through the first year and the first semester of the third year.

Five Hours Weekly.

Plane Geometry is carried through the second year and Solid Geometry through the second semester of the third year.

Five Hours Weekly.

PHYSICS—The course consists of an elementary study of mechanics, the properties of matter, heat, sound, light and electricity. The time is divided between recitation and laboratory work, two hours in the laboratory being counted as an equivalent to one hour in recitation. Fifty experiments, mostly quantitative, are performed and recorded in note books. Millikan & Gale's Text Book and Laboratory Manual are used.

Five Hours Weekly.

PHYSICAL GEOGRAPHY—This course serves as an introduction to Science. Special attention is given to physiographic processes. By means of laboratory work, the student becomes able to interpret topographic and weather maps. Two hours in the laboratory are counted as equivalent to one in recitation.

Three Hours Weekly.

PHYSIOLOGY—A course in general physiology and hygiene.

Three Hours Weekly Throughout the Year.

CHEMISTRY—A general introductory study with laboratory experiments.

Five Hours Weekly.

BOTANY—A study of plants as living organisms.

Second Year. Five Hours Weekly.

BIBLE.—The exclusion of the Bible from the public schools and the brevity and desultory methods of ordinary Sabbath School teachers, send to college preparatory grades many pupils very ignorant of Holy Scriptures. Not only so, but to some of them, the Bible seems a dry and obsolete book. Manifestly the teacher's first effort must be to awaken interest and fix attention.

The Preparatory Course is, therefore, arranged to include consecutive study of Bible History. The Bible itself is the text-book. The ground to be covered in a given term is not predetermined, as it must vary with the capacity of the different classes. Intelligent mastery of assigned topics is required. One hour a week is allowed to recitation, and at least two written examinations are given each year. Courses outlined under College Courses, page 54.

Students will be expected to provide themselves with a copy of the American Revised Version with References.

School of Oratory

It is the purpose of this school to give a systematical development of body, mind and soul; to produce public readers and speakers, who shall be easy, natural and forceful; to train teachers of expression who shall be worthy exponents of the art.

This school is also designed to afford a system of physical, mental and æsthetic culture for those who realize the value of expression, but who do not desire to enter the profession.

The course extends over three years and furnishes careful instruction in the work outlined as follows:

Course I.—First Year. Physical Education. Anderson's Free Hand Gymnastics, Bells, Wands, Balls and Clubs; Emerson Exercises; Swedish Exercises; Aesthetic Physical Culture. Rhythmic movements and Fancy Steps and Marches. Voice Culture. In connection with vocal training are considered the careful development of all the muscles and organs used in the production of the voice, breathing, change of pitch, pure tone, flexibility of inflection, cultivation of the imagination, clear enunciation and comparative relation in emphasis, memory training. Phrasing and sight reading. Literary analysis and interpretation of selected poems. Scotch dialect. Philosophy of Expression, Brown.

Course II.—Vocal and Aesthetic Physical Culture Combined. Bodily expression, gesture and pantomime. Study of expression in pictures and statuary. The short story, monologue; abridgment and adaptation of selections; studies from Browning and Tennyson. Shakespeare, his life and art; dramatic interpretation; analysis and presentation of plays. Scotch dialect. Sear's History of Oratory. Bible reading. Artistic arrangement of programs. Public recitals by the pupils are given frequently throughout the year.

Course III.—Study and Delivery of Great Orations. Sear's History of Oratory continued. Practice teaching, arranging class lessons. Dramatic interpretation of Shakespeare's Hamlet and Macbeth, Schiller's Maid of Orleans, Stephen Phillips' Poems and Dramas. Readings from Hauptmann and Maeterlinck. Bible reading. Modern Comedies: Charles Reade's Nance Oldfield and Christie Johnson.

Students who have completed the prescribed work satisfactorily and whose attendance, application and accomplishment during the three

years are satisfactory to the Faculty, will receive a Diploma of Graduation.

Classes for children will be held Saturday mornings. The Director has had wide experience in teaching children's classes, and this feature of the school is destined to become popular. Recitals will be given by the children at the close of each semester. Lipping, nasal tone, also other peculiarities or impediments of speech can be cured. \$10.00 a semester, one hour a week.

School of Music

Music is a profound modern interest, ennobling the individual, community and national life. In home and school, in social and artistic circles, the elevating influence of music is now recognized as never before. From a practical point of view, as a means of gaining a livelihood, music offers the teacher or performer a field limited only by his merits. To be a musician is to possess coveted gifts. In an educational sense, the musician must be broader than his art. The true musician possesses culture and refinement, and is able in point of intelligence to maintain a position of dignity and respect among men. In a moral sense the musician is greater than his art, using his talents for the good of mankind. In an artistic sense, the musician is not made by pretensions, hours of tuition and embellished diplomas.

To be a true musician one must be educated liberally and in an atmosphere of culture and refinement, under the inspiration of scholarly surroundings and expectations, in direct contact with influences and efforts consecrated to the well-being of society.

The Whitworth School of Music is based upon the following broad and manifest platform: Music requires scholastic ability for effective work; music is a means of culture, aside from the purely artistic elements; true musical education leads to a generous and helpful use of attainments; earnest, conscientious work and high artistic ideals must ever incite the musical ambitions of the successful student.

SCHOOL METHODS.

The advantages of a musical education received in a School of Music over individual or private instruction are apparent. The musical atmosphere of an institution, the competition growing out of contact with others engaged in similar studies, the personal supervision of teachers during practice, and the class and public recitals, with their unexcelled preparation for confidence and ease in public performance, and the many possibilities in ensemble or concerted playing and singing,

are some of the more noticeable points of superiority of school or class methods over private instruction. The home life, the scholastic opportunities, the large library and the helpful institutional interests afford greater incentives than local or isolated conditions can possibly supply. In addition to these and other advantages, the rates of tuition on account of class or conservatory methods, are much less than such artistic talent would necessarily have to charge for private lessons.

The city offers many opportunities to hear excellent local talent. Eminent professional musicians, in visiting the Pacific Northwest, always include Tacoma in their tours. Meretorious programmes may be attended by music pupils, in company with departmental teachers, thus extending and liberalizing their knowledge of music. Whitworth School of Music is the leading school in the Northwest.

COURSES OFFERED.

Four courses of study are now offered. Voice Culture, Piano-forte, Violin, and Guitar and Mandolin. These courses are briefly outlined below.

THE PIANOFORTE.

PREPARATORY COURSE.

Ist Grade—The underlying principles of Music; rythm; the relation of sounds; modes; intervals; staff; ear training; technique. Rythmical scales and arpeggios. Preparatory Exercises, Schmidt transposed. Etudes; Vogt, Burgmuller, Krause, Bertini, Ehmant, etc.

2nd Grade—Koehler, Op. 50; Czerny, Op. 139; Heller, Op. 47; Kullak, Op. 62; Schumann, Album for the Young (arranged in progressive order by Kluser). Sonatinas by Janke, Gurlitt, Krause, Clementi, Reineck. Preparatory Exercises, Carl Faelten, transposed.

INTERMEDIATE COURSE.

I.—Germer Technics; Krause Trill Studies; Hasert School of Velocity, Op. 50; Heller, Op. 46; Berens; Bach; easier numbers from twenty-five two-part studies; Czerny School of Velocity, 2d and 3d Books; Raff, Vogt. Sonatas by Beethoven, Op. 49, Nos. 1-2; D major, Op. 26, No. 3; Clementi Sonatinas, Nos. 6-14-8; Haydn Sonatas; Raff Sonatille; Reinecke Maiden Songs; Mendelssohn, Songs Nos. 2-6-11-12-45, etc.

II.—Cramer Buow, selected studies; Bertini, Op. 66-177; Jensen, Op. 32; Heller, Op. 45 or 90; Bach, Three Voiced Inventions;

Raff, Etudes; Gradus; Krause, Op. 5; Koehler, Op. 128; Czerny, Op. 740; Moscheles Preludes; Beethoven Rondos; Sonatas by Hummel, Schubert, Mozart, Haydn (E flat major, No. 1); Beethoven, Op. 14, Nos. 1-2; Haydn Concertos.

ADVANCED COURSE.

III.—Technic. Tausig's or Jossefy's Daily Exercises; Carl Faelten's Book III.; Moscheles, Op. 70; Kullak Octave Studies; Kessler, Op. 20; Bach Preludes and Fugues; Mendelssohn Preludes and Studies; Thalberg Etudes; Beethoven Variations, Sonatas, Op. 7-22-26-28; Mendelssohn Variations, Op. 82-83; Bach partitas; Mozart Concertos; Hummel Concertos, A minor and A major.

IV.—Chopin, Etudes and Preludes; Carl Faelten's Technic, Book IV.; Bach Preludes and Fugues; English and French Suites; Mendelssohn Preludes and Fugues; Raff Suites; Chopin Nocturnes, Valses; Greig Sonatas, Op.

7; Concertos by Beethoven, Hiller, Moscheles, Weber.

VOICE.

The whole course of instruction is based upon the best methods of the old Italian and modern French and German schools of voice production.

PREPARATION

Tone placing, breathing, exercises, Solfeggio, sight reading, ear training, history of music, choral singing.

Grade I.—Voice, solfeggio, piano, theory and language. (French, German or Italian.)

Grade II.—Voice, advanced solfeggio, ensemble practice, solo singing, advanced sight singing. One language, other than in Grade I.

Grade III.—Oratorio. Opera. Concert Repertoire. One additional language.

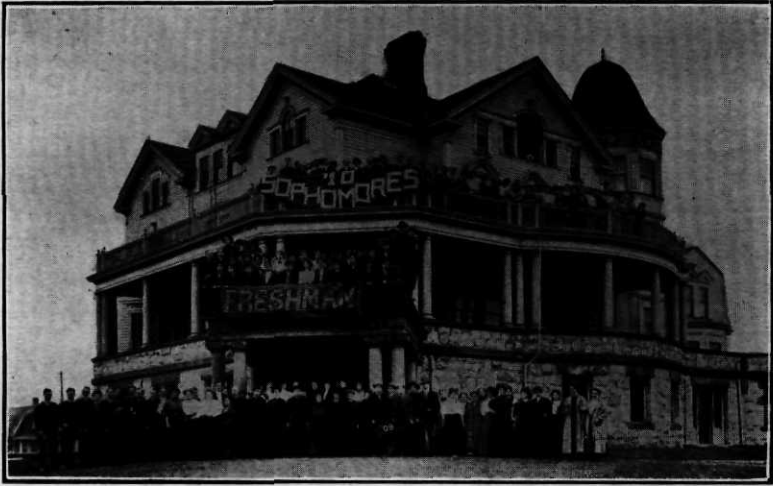
THEORY OF MUSIC.

I.—Harmony. This course covers notation, the study of intervals and scales, the formation and connection of chords, principles of four-part composition and modulation. Exercises in harmonizing given basses and melodies.

II.—Harmony. Further study of modulation. Harmonic accompaniment to selected and original melodies. The writing of chants, hymns and chorales.

III.—Course in Harmonic Analysis.

IV.—Course in Formal Analysis.



A STUDENT GROUP



A ROOM IN THE LADIES' HALL

HISTORY OF MUSIC.

- I.—The historical development of music; history of opera and oratorio; development of instrumental music.
- II.—Classical and romantic schools; development of the pianoforte; biographical study of the great composers.

ORGAN.

Arrangements have been made to use the organ in the Temple of Music. Courses arranged with the Professor.

PIANO COURSE IN OUTLINE.

FOR CERTIFICATE OF MUSIC.

PREPARATORY COURSE.

- FIRST YEAR—Two lessons weekly; two hours daily practice.
Latin (first year) 5; English (first year) 5; Bible, 1.
- SECOND YEAR—Two lessons weekly; two hours daily practice.
Latin (second year) 5; Mathematics (first year) 5; Bible, 1.
- THIRD YEAR—Two lessons weekly; three hours daily practice.
Mathematics (second year) 5; English (second year) 5; Bible, 1.
- FOURTH YEAR—Two lessons weekly; three hours daily practice.
Latin (third year) 5; English (third year) 5; Bible, 1.

COLLEGIATE COURSE.

- FRESHMAN YEAR—Piano I. Theory I.
Mathematics (third year) 5; Latin I.-III., 4; Bible, 1.
- SOPHOMORE YEAR—Piano II. Theory II.
English, I.-III., 4; German, 4; Bible, 1.
- JUNIOR YEAR—Piano III. Theory III. History, I.
German I.-III., 4; French, 4.
- SENIOR YEAR—Piano IV. Theory IV. History II.

GENERAL INFORMATION.

Students sufficiently advanced to pass examination in the work of the first two years may begin in the course with the third year. (Course III.)

All candidates for graduation must pursue in the school the courses of the third and fourth years. (Courses III. and IV.)

Regular music students are required to take the courses in Theory of Music and History of Music, whether their special line of music be piano, voice or violin.

College students may elect Music, provided they practice not less than six hours weekly, and elect Theory as a part of their music work for at least one year.

PIANO.—Two lessons weekly, with two hours' daily practice, count as four units.

THEORY.—Two exercises weekly count as two units.

REGULATIONS.—Music students are subject to the same regulations as the students of other departments. Tuition is paid by the half semester in advance. No reduction is made for absence from lessons except in the case of prolonged sickness.

PUBLIC RECITALS.—Public recitals by the pupils are given frequently throughout the year.

CLASS RECITALS.—Class recitals, in which all pupils take part, are given in the piano studio each month.

PUBLIC PERFORMANCES.—No student of the department will be permitted to take a part upon any public programme without the permission of the teacher in charge.

FREE ADVANTAGES.—

- (1) Concerts and Lectures given by the Musical Faculty.
- (2) Lectures on Music History.
- (3) Analysis Class.
- (4) Symphony Class.
- (5) Students' Recitals.
- (6) Use of Musical Library.
- (7) Lectures upon Sound by the Science Department.
- (8) Membership in Glee Club.
- (9) Normal Class for practical work in teaching, except as stated above.

Excused lessons will be made up before the end of the term.

EQUIPMENT.—The Piano Department has two large and artistic instruction rooms and well-arranged practice rooms. A sufficient number of practice pianos is provided. The Tekniklaviers and several metronomes greatly enhance the working facilities.

The Vocal Department has ample facilities for effective work including a fine studio and practice rooms.

The Violin and Mandolin Departments have convenient studios.

A small, but well-selected Musical library is now an important accessory of this department.

THE VIOLIN.

The affiliated department of violin instruction is under the direction of Prof. Olof Bull, so well and so favorably known to the lovers of music as a master of the "king of instruments."

The course of instruction includes, among others, the following recognized studies:

Hohmann, Method (Vol. I.).
 Wohlfahrt, Op. 45 (Nos. I. and II.).
 Kayser, Op. 20 (No. III.).
 Alard, Violin School.
 Dont Studies, Op. 37.
 Kreutzer, Etudes.
 Schradieck, Exercises.
 Caprices, Fiorillo and Rode.

Progress in the studies assigned will depend upon the talent and industry of the student.

Advanced violin pupils will use concertos by Viotti, Rode, Kreutzer De Beiot, Beethoven, Mendelssohn, etc.

MANDOLIN, GUITAR AND BANJO.

A new system is employed. The tedious finger exercises, devoid of melody, and other discouraging features of the old method are eliminated by the use of carefully selected melodies and progressive melody exercises, each one designed for a definite purpose, which makes the study a pleasure, and a pure and clean technic are obtained.

Mandolin.	Guitar.	Banjo.
Schaeffer, Abt	Seigel, Pettine	Knell and Brunover
Schaeffer, Schettler	DeLano, Weidt	F. Sor and Corulli
Lagatree, Farland	Lansing, DeLano	Bacon and Weidt.

Familiar airs, melodies and variations.

Commercial School

This department of the college was organized in recognition of the needs of special training for business, and as a protest against the inadequate short term business course. The aim is to afford training in a comprehensive course of study that will prepare young men and women, both as to character and technical ability, for positions of influence and power in the commerce of the future. The unqualified success of our graduates is proof of the wisdom of the undertaking.

He who would be a leader of his fellowmen needs possess himself of culture and refinement, that he may be able in point of intelligence to maintain a position of dignity and respect among them. Culture and refinement are not gained from books alone, but in an atmosphere of scholarly surroundings as well. Hence, a School of Commercial Science finds itself in a most congenial sphere when a part of a college devoted to a liberal education.

The Commercial School of Whitworth College prepares young men and women for positions of trust in business. The course of study combines a general education with the technical training in commercial subjects. Its classes are carefully graded, and are adapted to graduates of colleges and preparatory schools as well as those who have had but grammar school education. We have no patented way of turning out bookkeepers and stenographers, but if you want to learn and are willing to study, we can make you competent to earn a good living.

All students of the Commercial School are accorded the privileges of the gymnasium and athletics on the same basis as students in other departments of the college. The College life in its various phases and activities gives much of culture and refinement not to be had in an ordinary business school. Polite and courteous manners are today recognized as valuable aids to success in business. Subjects in any other department of the College may be taken in connection with the business course without extra cost.

COMPLETE COMMERCIAL COURSE.

This course is designed to prepare young people for the most diffi-

cult and responsible positions to be had in the business world, and embraces such studies as go to make up a thorough, comprehensive course of study. We invite your careful consideration of this course, that you may appreciate the broad training it affords.

The success of our scores of graduates proves our course of instructions to be most thorough and practical.

FIRST YEAR.

First Semester:—
Beginning Bookkeeping,
English,
Rapid Business Calculations,
Penmanship,
Spelling and Correspondence.

Second Semester:—
Advanced Bookkeeping,
English,
Rapid Business Calculations,
Penmanship,
Commercial Law.

SECOND YEAR.

First Semester:—
Advanced Bookkeeping, including
Wholesale, Lumber, Coproration,
and Banking.
Penmanship,
Shorthand,
Typewriting,
English,

Second Semester:—
English,
Shorthand,
Typewriting, including Letter Press
Copying, Manifolding, Duplicating
Machines, Mimeographing, Tabu-
lating.
Stenographers' Business Practice,
and Follow-Up Systems.

This course leads to the degree of Bachelor of Accounts.

If a bookkeeping course only is desired, take the work as outlined in the first year.

If a shorthand course only is desired, take the work as outlined in the second year, and substitute "Beginning Bookkeeping" for "Advanced Bookkeeping."

"I advise parents to have all their boys and girls taught shorthand and typewriting. A shorthand writer who can typewrite his notes would be safer from poverty than a Greek scholar."—Chas. Reade.

EXPLANATION OF STUDIES.

1. Bookkeeping—In the beginning of this course the student is given a thorough drill in the principles of bookkeeping. Upon the completion of this part of the course he passes directly into the Advanced Department, where he has the opportunity of answering letters, making out and receiving checks, notes, drafts, and other business papers, and carrying out in detail all the necessary office practice incident thereto and called for by the transactions and exhibits which constitute this part of the course of instruction.

2. Commercial Arithmetic—The aim is to qualify the student to handle accurately, quickly, and intelligently the class of problems which arise in everyday life. A special study of percentage in all its applications, stocks and bonds, partnership settlements, interest, etc.

3. Commercial Law—The purpose of this study is not to make lawyers of those who pursue it, but to teach them to discern the ways that lead from litigation and enable them to conduct their business dealings with an intelligent idea of their legal rights and limitations. The various subjects with which the business man should be familiar are explained here in sufficient detail to afford a correct knowledge of the law concerning them.

4. Commercial Geography—Commercial Geography deals with the relations of man to the world's work. Production, transportation, and distribution of commodities are among the great themes it discusses, and in these days of territorial expansion every citizen should be interested in this important and practical study.

5. Business Correspondence—This is a branch of business education that receives our most careful attention. A very large amount of correspondence is done by the student during this course.

6. Penmanship and Rapid Calculation—Although all the elements in our course receive their due share of attention and consideration, we lay special stress on penmanship without shade or flourish and one that can be of the most practical value is taught. One-half hour every day is given to drill in rapid calculation. Business men want good writers, and quick, accurate calculators.

7. Typewriting—We place this subject in our business course, believing that no business course is complete without the ability to handle the typewriter rapidly and accurately.

8. Government—Includes a survey of the historical evolution of government, its origin, growth and the present status of the governments of the world. This is followed by a careful analysis of the government of the United States as outlined in the Constitution. The aim is intelligent citizenship.

9. English—Realizing the need of more thorough knowledge of the English language than is offered by the usual commercial courses, we have placed this subject in each year of the course, giving the student three full years of English work.

SHORTHAND AS A BUSINESS FOR YOUNG MEN.

The young man who understands shorthand and typewriting can start out at a salary double that of the one who is ignorant of these branches. And this is only the smaller part of his advantage. The other fellow usually has to start as an office boy or in some other obscure position where he learns little or nothing of the business. The stenographer invariably does work which, if he is ambitious and wide-awake, will make him familiar with the business in a short time.

The average young man has inherent in him the qualities which will enable him to achieve success. After a reasonable amount of general education has been acquired, the young man is confronted with the question of "What can you do?" There is a deadline, as it were, between him and the world of business which he would enter. There are many helps over that deadline. The one which has helped many of our most noted men in business and professional life is that of Shorthand. A position of confidential relation to a man who has achieved success is certainly most helpful. To take the dictation of a strong mind, to come in close personal contact with the detail workings of a great business enterprise, is at least one of the most likely roads to an after-life of success. This advantage comes to every stenographer.

The unsurpassed advantages of shorthand and typewriting for young ladies have long been recognized, and scarcely needs special mention. There is no line of employment which offers more pleasant or profitable work to the young lady than these subjects.

The "Touch" system of typewriting is used in our school. The student is taught to write accurately and rapidly without looking at the keys of the machine, and is therefore enabled to write without being compelled to take his eyes from his notes to find the keys. No machine-operator is up to date who cannot write without looking at the keyboard.

GENERAL INFORMATION.

If you are deficient in the common branches you can make up the same with us without extra cost to you.

The Time Required to complete either of the above courses will

depend upon previous training and ability of the student. Our graduates must be thorough and competent.

Students are received at all times of the year.

Situations paying good salaries can easily be secured for all who fit themselves for the work, and who have shown themselves trustworthy, courteous and willing to earn the salary expected. The business world offers every advantage to the capable, industrious and honest young man or woman, but has no room for the dishonest or indolent.

We have not to our knowledge a single graduate out of employment. They are securing the highest paid positions that are open to young graduates.

Department of Art

The art department purposes to develop a keener sense of the art value in all lines of work, to cultivate a finer taste and a greater love for the beautiful, to teach the fundamental principles of drawing and thus give a thorough fundation for those who intend to enter the professional schools such as Design, Illustration, Architecture, etc., and to qualify students to teach drawing in the public schools.

COURSE OF STUDY.

First Year—Line and mass drawing from geometrical solids, still life and casts. Perspective—Plain and oblique.

Second Year—Advanced drawing and shading from casts and life, painting from studies such as flowers, fruit, vegetables, etc., construction in black and white and in color.

Third Year—Drawing and painting from life, outdoor sketching, composition, including landscapes, figures and interiors, principles of design and their application in the Arts and Crafts to metal textiles, leather, etc.

Charcoal, pencil, pen and ink, pastel, water-color, and oil, are used as media for the work, but pencil and charcoal are much preferred for beginners.

The Normal Course, which is practically the same as outlined in the First and Second Years, includes also construction work that is practicable in the school room, i. e., with paper, raffia, etc. Methods are studied and attention is given to the presentation of the subject to children, also problems of supervision.

Students taking the full Art Courses are expected to devote to the work two and a half hours per day for four days of the week.

Students taking the full three years course as here outlined will receive a diploma.

SCHOLARSHIP PRIZE.

Three friends of the College have established a Scholarship Prize, to be known as "The Long-Black-Marshall Scholarship Prize in Economics and Social Science." The purpose of the Prize is to encourage investigations in economical questions especially as they relate to the West and the Orient. Each year \$75.00 will be awarded to the successful contestants. The terms of the contest are briefly these:

1.—The subjects for the study selected by the Faculty must be announced by March 1. The papers must be typewritten; five copies of which must be given to the judges. Papers must be in by June 1.

2.—The Faculty of the College will appoint three competent judges, to whom the papers will be submitted, signed *nomme de plume*.

3.—The competition is open to all students in the College. There will be first and second prizes.

SCHOLARSHIPS

A limited number of students are granted scholarships amounting to free tuition in the college for from one to four years. Only honor graduates from accredited high schools can be candidates.

THE 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 1909-10 is \$50.00 each.

THE SILLIMAN SCHOLARSHIP.

One scholarship yielding \$50.00 per year, endowed by Dr. H. B. Silliman of Cohoes, New York, has been assigned to Whitworth Col-

lege. By the terms of the trust the income from this fund is to be applied to the "tuition of such male students who are members of some Evangelical church as 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."

THE ABRAMS SCHOLARSHIP.

A scholarship yielding \$50.00 per year has been established by Mr. D. K. Abrams of Ridgefield, Washington.

THE RHODES SCHOLARSHIP.

Frederic D. Metzger and Kenneth Ghormley both qualified in the Cecil Rhodes scholarship examination January 21, 1908. Mr. Metzger is the elected scholar at Oxford, England. The success of these young men is indicative of the scholastic standing of Whitworth College.

Graduates

CLASS OF 1896.

F. G. Blackburn, A. B.	Sarah C. Stewart, A. B.
A. C. Stewart, A. B.	Fred W. Whitworth, A. B.
Calvin W. Stewart, Jr.	Robert Montgomery, B. S.

CLASS OF 1898

William Davies, A. B.	Harold R. Gould, B. S.
Ward B. Van Vechten, B. S.	

CLASS OF 1902.

Mary Anna Hickman, A. B.

CLASS OF 1904.

Dorcas Lemira Clark, A. B.	Zilfa Eugenie Phillips, A. B.
Ethel Mary Kirkpatrick, A. B.	Ida Grace Sharp.

CLASS OF 1905.

Dosu Doseff, B. S.	Agnes Dora Mulkey, A. B.
Ruth Dunbar, A. B.	Lillian Gurine Stevenson, A. B.

CLASS OF 1906.

Civilla Stowe Dennis, B. S.	Anna Sander, B. S.
Frederic Dan Metzger, A. B.	William Edward Sander, B. S.
Leila Frances Shaffer, A. B.	

CLASS OF 1907.

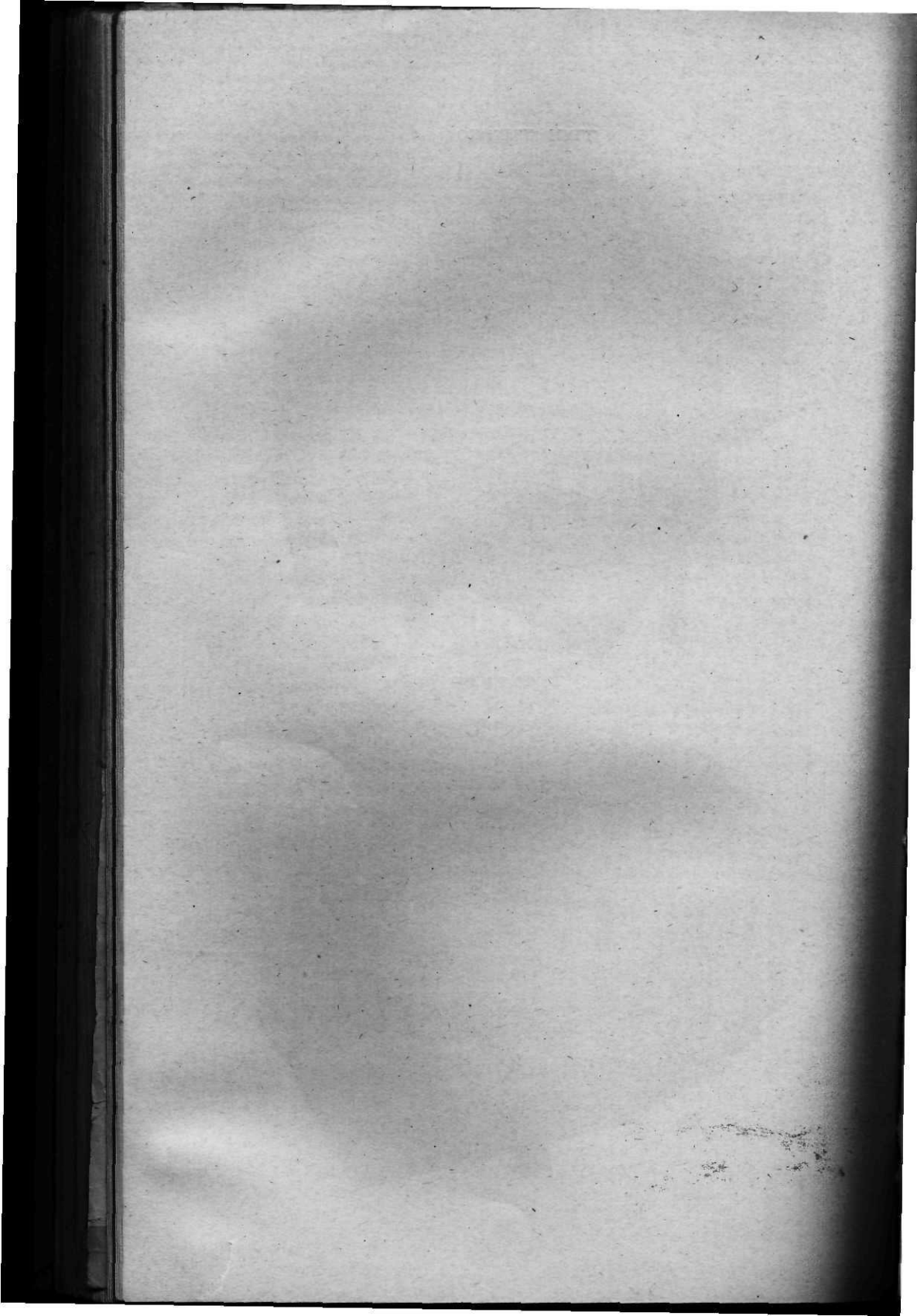
John Willoughby Crandall, A. B.	Anna McMaster, A. B.
Harriet Evron Fraser, A. B.	William John McCauley, B. S.
Sara Anna Ghormley, Ph. B.	Carl Jay Norton, Ph. B.
Susie Emily Garretson, B. S.	George Rossman, B. S.
George Elmore McMaster, B. S.	Charles Rutherford Rodman, A. B.
Agnes Streeter, A. B.	

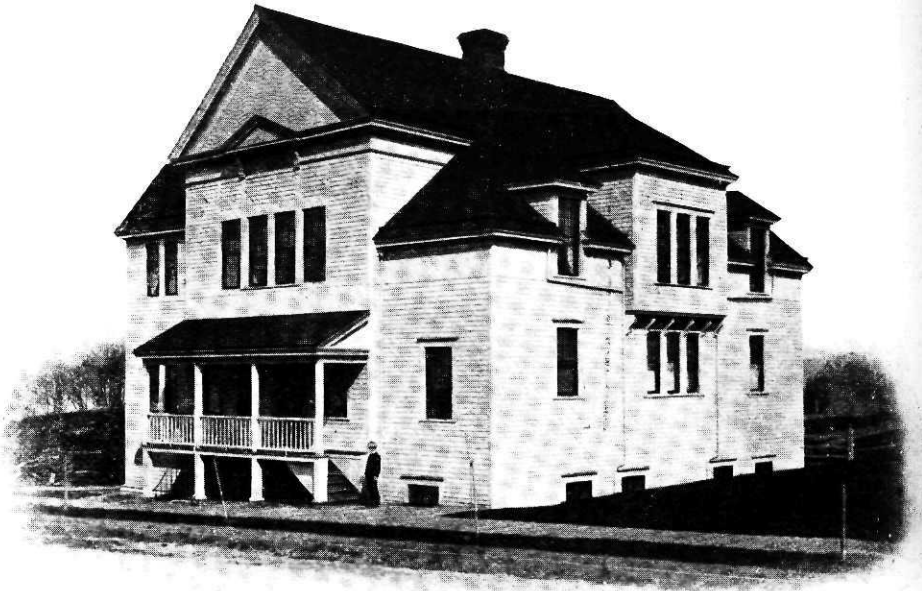
CLASS OF 1908.

Andora Cox, A. B.	Lawrence Phipps, A. B.
Olga Johnson, A. B.	Percy Colbert, B. S.
Ralph Ayers, A. B.	Hoyao Ohno, B. S.

CLASS OF 1909.

Mary Cox, A. B.	Kenneth Ghormley, A. B.
Mary Frances Beaven, Ph. B.	Jessie LaWall, A. B.
William Paul, A. B.	Pearla Robbins, B. S.
Raphael Towne, B. S.	Gertrude Rolleston, Ph. B.
Richard Doud, B. S.	Joseph Turner, Ph. B.
Letitia Clark, A. B.	Edith Ware, Ph. B.
David Guy, B. S.	Reta Willert, A. B.
Palmer Kennedy, A. B.	





MEN'S HALL



OLMSTED HALL

Students

COLLEGE

SENIOR CLASS.

Monroe Green Everett,.....	Tacoma.
Helma Rachel Hunter,.....	North Yakima.
Frances Lackey,.....	Aberdeen.
Henry Longstreth, Jr.,.....	Tacoma.
Madge Stockton Phelps,.....	Tacoma.
Grace Holder Redman,.....	Tacoma.
Milderd Smith,.....	Tacoma.
Mary Genevieve Wilcox,.....	Tacoma.

JUNIOR CLASS

Ruth Pauline Evans,.....	Tacoma.
Alma Clair Lesh,.....	North Yakima.
Genevieve Martin,.....	Tacoma.
Lulu Una Martin,.....	Tacoma.
B. Maude Scott,.....	Kiona.
Mary Smith,.....	Marysville.
Sidney Edwin Whitworth,.....	Brighton.

SOPHOMORE CLASS.

Emilie Arntson,.....	Tacoma.
Anna Maude Daub,.....	Tacoma.
P. Irving Duff,.....	Tacoma.
Edward Dugald Judson,.....	Tacoma.
Charlotte Hanley,.....	Tacoma.
Masakitchi Izumi,.....	Akita, Japan.
Helen Kalbus,.....	Chehalis.
Robert L. Kinkade,.....	Auburn.
Bertha R. McCallum,.....	Tacoma.
Jean Macready,.....	Tacoma.

Alvin L. Scott,.....Kiona.

FRESHMAN CLASS.

Lillian Annetta Allen,.....Tacoma.
 James Almar Anderson,.....Tacoma.
 Viva Baldwin,.....Coeur d'Alene, Idaho.
 Oscar H. Billings,.....Harrington.
 Maurice Briggs,.....Harrington.
 Sara Regina Crandall,.....Tacoma.
 Seamore A. Crandall, Jr.,.....Tacoma.
 Gail Layton Dennis,.....Everett.
 Rollin W. Dennis,.....Tacoma.
 Clinton Robert Douglas,.....Seattle.
 Claude James Fitzsimmons,.....Tacoma.
 Lillian Fleet,.....Montesano.
 Sarah Margaret Fox,.....Tacoma.
 Frances Folsom Hale,.....Roosevelt.
 George Earl Hoke,.....Tacoma.
 Ellen Hosford,.....Tacoma.
 Helen H. Hutchison,.....Tacoma.
 David Hjalmar Johnson,.....Tacoma.
 James Douglas Johnson,.....Milton, Ore.
 Helen Harris Littell,.....Tacoma.
 Margaret Longstreth,.....Tacoma.
 Clarence James McReavy,.....Tacoma.
 Flora M. Matheson,.....Anacortes.
 Vaughan Morrill,.....Tacoma.
 Florence Mustard,.....Montesano.
 Lillian Nicholson,.....Fern Hill.
 Louis Francis Paul,.....Wrangel, Alaska.
 Thorp Derickson Sawyer,.....Tacoma.
 Jesse K. Scott,.....Tacoma.
 Seiro Shibagaki,.....Miyagaki, Japan.
 Martha Frankie Smith,.....Tacoma.
 Leota Warburton,.....Tacoma.
 Augustus N. Williams,.....Rushville, Ind.
 James Gavin Wingate,.....Tacoma.

UNCLASSIFIED.

Cornelia Danaher,.....Tacoma.
 Fay Beatrice Easterday,.....Tacoma.
 Marjorie Ellen Greig,.....Tacoma.

Alice Evelyn Johnson,.....	La Conner.
Gaetano Lizzi,.....	Tacoma.
Frances Philo Thompson,.....	Tacoma.
Frederick Wells Woodbridge,.....	Tacoma.

ACADEMY.

THIRD YEAR.

Lee F. Aldrich,.....	Goldendale.
Erma Louise Biggs,.....	Tacoma.
Harold Kinser Curtis,.....	Tacoma.
Calvin Stewart Fox,.....	Tacoma.
Genevieve Harms,.....	Chehalis.
Calvin Chever Hazelet,.....	Cordova, Alaska.
Craig Potter Hazelet,.....	Cordova, Alaska.
Samuel A. Hoke,.....	Tacoma.
Nob Inagaki,.....	Tacoma.
Louis Love,.....	Tacoma.
James W. Lyon,.....	Tacoma.
Milton Sparrow McDonell,.....	South Bend.
Marguerite Maulsby,.....	Tacoma.
Nellie Emma Presby,.....	Goldendale.
Leroy E. Sligar,.....	Tacoma.
George Takaku,.....	Saka Yama, Japan.
Sara Anne Thomas,.....	Roslyn.
Adah Lucile Wall,.....	Winlock.
Richard Hiltbrunner Winsor,.....	Tacoma.
Laurence A. Young,.....	Redmond.

SECOND YEAR.

Bertha Estelle Amerman,.....	Tacoma.
Harry Betz,.....	Tacoma.
Howard I. Chamberlen,.....	Rice.
Frank Webb, Davis,.....	Prince Rupert, B. C.
Harry Brooks Duff,.....	Tacoma.
Harry S. Ezume,.....	Tacoma.
Harry Emmet Flanagan,.....	Seattle.
Mynne Mae Hoard,.....	Centralia.
Gerald Longstreth,.....	Tacoma.
Glen Elwin McKinzie,.....	Seattle.

Mary Manny,	Tacoma.
Yanco Preslav Marinoff,	Tacoma.
Charles Leland Morse,	Bellingham.
Whitfield Mulligan,	Tacoma.
Caroline Clarke Roe,	Tacoma.
Catherine Urquhart,	Krupp.

FIRST YEAR.

Fannie M. Acheson,	Tacoma.
Marta May Acheson,	Tacoma.
Roy Ashland,	Cordova, Alaska.
Nina Ballard,	Tacoma.
Lucile May Bartlett,	Tacoma.
William Russell Beaty,	Tacoma.
Willard Chesleish Benson,	Vancouver, B. C.
B. Bertelson, Jr.,	Tacoma.
Roy Whinthrop Bertelson,	Tacoma.
David E. Brewer, Jr.,	Fife.
Helen Brittan,	Katalla, Alaska.
Francis P. Cox,	Cle Elum.
George Stuart Douglas,	Seattle.
Amy Easton,	Bellingham.
Earl Ford,	Port Blakley.
Samuel Sylvan Ford,	Port Blakley.
Alice Gertrude Fremming,	Tacoma.
Oscar Frederick Frey,	Fairbanks, Alaska.
Wilbur Gamer,	Tacoma.
Myrlin Calander Haines,	Cle Elum.
Frank J. Harper,	Tacoma.
George E. Henderson,	American Lake.
Romayne B. Hill,	Tacoma.
Francis Huntley,	North Yakima.
Edna Johnson,	Tacoma.
B. W. Johnson,	Tacoma.
Alvin Minard Mill,	Cordova, Alaska.
Margaret Mitchell,	Deming.
Henry Rikicaze Okamoto,	Bingal, Japan.
George Burnett Parker,	Tacoma.
Mary Josephine Ross,	Olympia.
John B. Stevens, Jr.,	Tacoma.
Emma Nannerl Stewart,	Tacoma.

SPECIAL.

T. Inouye,.....	Tacoma.
Marguerite C. McConihe,.....	Tacoma.
Albert Payne,.....	Tacoma.

SCHOOL OF MUSIC.

PIANOFORTE.

Mrs. Mary H. Browse,.....	Tacoma.
Ethel Margaret Carr,.....	Tacoma.
Dorothy Crandall,.....	Tacoma.
Gladys Doud,.....	Tacoma.
Geneva Doud,.....	Tacoma.
P. Irving Duff,.....	Tacoma.
Virginia Easterday,.....	Tacoma.
Amy Easton,.....	Bellingham.
Edna Evans,.....	Tacoma.
Lillian Fleet,.....	Montesano.
Sarah Margaret Fox,.....	Tacoma.
Marjorie Ellen Greig,.....	Tacoma.
Mary Elizabeth Grunwell,.....	Clarendon, Va.
Frances Margaret Hallowell,.....	Tacoma.
Agnes Ferris Hallowell,.....	Tacoma.
Genevieve Harms,.....	Chehalis.
Mrs. Yasu Hattori,.....	Tokyo, Japan.
Idene Louise Howe,.....	Tacoma.
Margaret Johnson,.....	Milton, Ore.
Mary Ruth Jones,.....	Goldendale.
Nellie Lemons,.....	Tacoma.
Silvy Loughlen,.....	Tacoma.
Isabelle McDonald,.....	Wapato.
Elanor Mather,.....	Tacoma.
Irving Mather,.....	Tacoma.
Marguerite Maulsby,.....	Tacoma.
Agnes Margaret Pamment,.....	Tacoma.
Nellie Emma Presby,.....	Goldendale.
Gertrude Rolleston,.....	Tacoma.
Jean E. Turnbull,.....	Tacoma.
Sara Anne Thomas,.....	Roslyn.
Ruth Twichell,.....	Tacoma.

Catherine Urquhart,.....	Krupp.
Adah Lucile Wall,.....	Winlock.
Leota Warburton,.....	Tacoma.
Nellie Mildred Williams,.....	Wapato.

VOICE.

W. E. Beardsley,.....	Tacoma.
Willard Chesleigh Benson,.....	Vancouver, B. C.
Percy F. Colbert,.....	Ilwaco.
Mary Elizabeth Grunwell,.....	Clarendon, Va.
Alice Evelyn Johnson,.....	La Conner.

HARMONY.

Mrs. Mary H. Browse,.....	Tacoma.
Lillian Fleet,.....	Montesano.
Idene Louise Howe,.....	Tacoma.
Mary Ruth Jones,.....	Goldendale.
Marguerite Maulsby,.....	Tacoma.
May B. Routson,.....	Tacoma.
Leota Warburton,.....	Tacoma.

HISTORY OF MUSIC.

Idene Louise Howe,.....	Tacoma.
Mary Ruth Jones,.....	Goldendale.
Nellie B. Lemons,.....	Tacoma.
Marguerite Maulsby,.....	Tacoma.
May B. Routson,.....	Tacoma.

ART.

Marguerite Bennatts,.....	Tacoma.
Ruth Edwards,.....	Tacoma.
Lulu Una Martin,.....	Tacoma.
Margaret Mitchell,.....	Deming.
Caroline Clarke Roe,.....	Tacoma.
Emma Nannerl Stewart,.....	Tacoma.

COMMERCIAL SCHOOL.

Robert Ercil Bennatts,.....	Tacoma.
Luella Lois Draper,.....	Tacoma.
Virginia Ewing,.....	Tacoma.
William Herbert Ferguson,.....	Tacoma.
Rollo H. Frazer,.....	Goldendale.
Paul Krieg Guercio,.....	Prospect Hill.
John A. Guy,.....	Portland.
Frances Mattia Haggerty,.....	Raymond.
Harlowe H. Helm,.....	Tacoma.
Orville W. Hewitt,.....	Oregon City, Ore.
Orcelia Hosford,.....	Tacoma.
Chester Humphreys,.....	Ravensdale.
Ruth Hutchison,.....	Tacoma.
Margaret M. Johnson,.....	Milton, Oregon.
Ethel Maynard Jurisch,.....	Dunont.
Isabelle McDonald,.....	Wapato.
Donald McInnes,.....	Seattle.
Fred William Mattson,.....	Tacoma.
Alvin Myhre,.....	Tacoma.
Clarence R. O'Brien,.....	Pendleton, Ore.
Norman C. Pike,.....	Ridgefield.
Edward W. Porria,.....	Castle Rock.
Gilbert Rieman,.....	Valdez, Alaska.
C. F. Schrader,.....	Tacoma.
Martha Frankie Smith,.....	Tacoma.
Aline Smithson,.....	Tacoma.
Ernest C. Tanner,.....	Tacoma.
Frances Philo Thompson,.....	Tacoma.

SUMMARY OF ATTENDANCE.

COLLEGE.

Senior Class,	8	
Junior Class,	7	
Sophomore Class,	11	
Freshman Class,	34	
Unclassified,	7	
Total,		67

ACADEMY.

Third Year,	20	
Second Year,	16	
First Year,	33	
Total,		69
Special,	3	
Commercial,	28	
Piano,	36	
Voice,	5	
Harmony,	7	
History of Music,	5	
Art,	6	
Total,		90
Total registration, all departments,		226
Less those counted more than once,		35
Net number of individual students,		191

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The R. A. B. Young Press.
Tacoma, Wash.