

1913

# Whitworth College Bulletin 1913-1914

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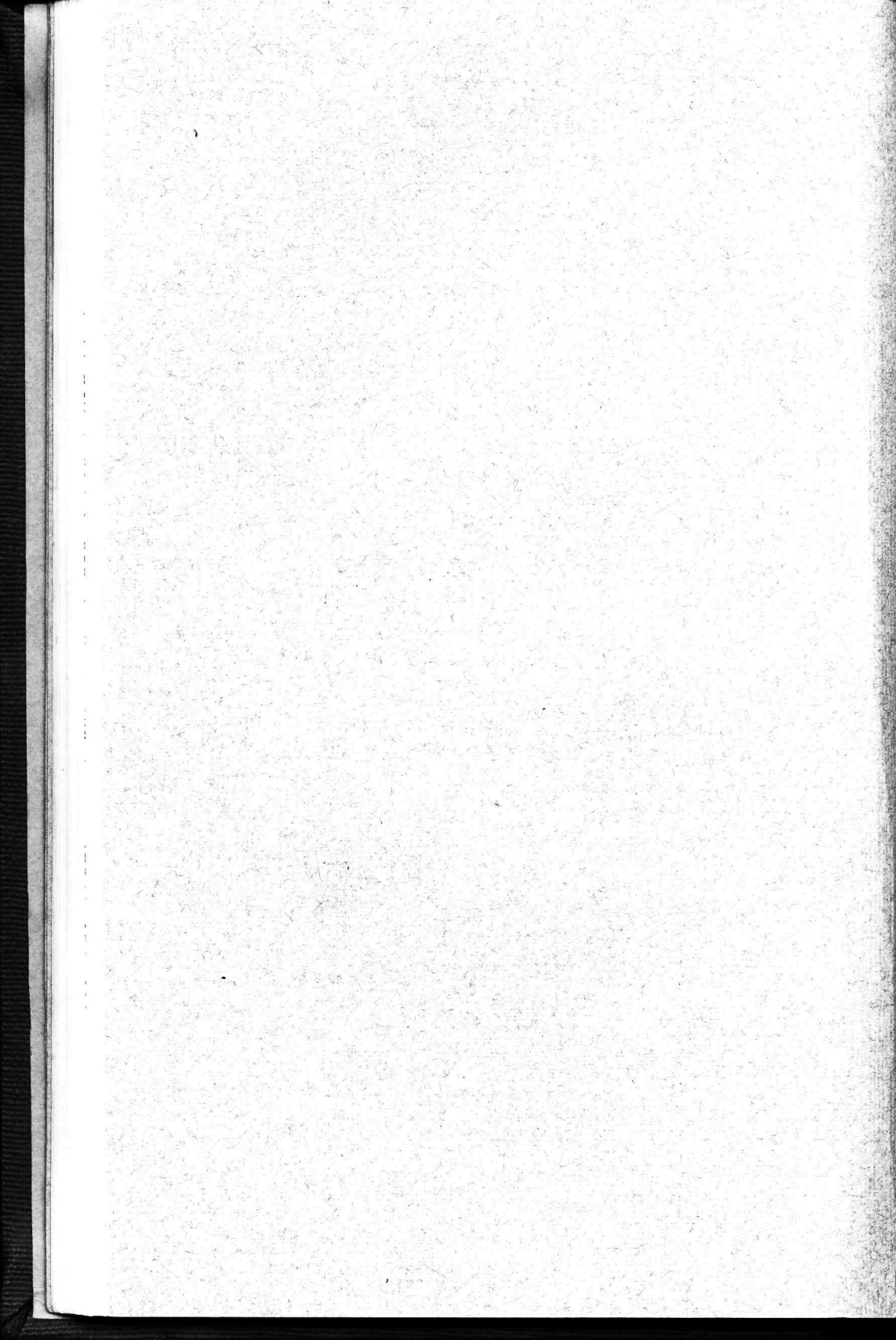
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*May, 1913*  
*Tacoma, Washington*



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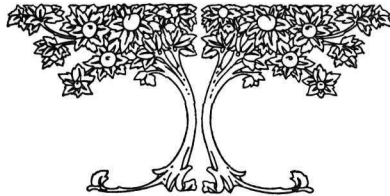
TACOMA, WASHINGTON

No. 1

# The Whitworth College Bulletin

Containing the Annual Catalogue  
and Register of Students of Whit-  
worth College, 1912-13, General In-  
formation, Courses of Study, and  
other Announcements, 1913 - 14

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*“Orando et laborando pro educatione juvenum”*

Tacoma, Washington, May, 1913.

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

Published monthly from the College Office during the college year  
with one midsummer issue.



## THE YEAR'S EVENTS

1913

Commencement Week...Friday, June 6, to Thursday, June 12  
Baccalaureate Service.....Sunday, June 8, 10:30 A. M.  
Annual Meeting, Board of Trustees.....  
-----Tuesday, June 10, 10:00 A. M.  
College Commencement.....Thursday, June 12  
Registration and Entrance Examinations...Tuesday, Sept. 16  
First Semester Opens with Chapel.....  
-----Wednesday, Sept. 17, 10:00 A. M.  
Convocation Address.....Friday, Sept. 19, 8 P. M.  
Second Quarter Bills Due.....Monday, November 17  
Thanksgiving Recess, Thursday and Friday, November 27, 28  
Christmas Vacation Begins.....Friday, December 19, 4 P. M.

1914

Class Work Resumes.....Tuesday, January 6, 8:25 A. M.  
Mid-Year Examinations.....January 27 to 30  
Second Semester Begins, Third Quarter Bills Due.....  
-----Monday, February 2  
Day of Prayer for Colleges.....Thursday, February 5  
Easter Vacation Begins.....Friday, April 3, 4 P. M.  
Class Work Resumed.....Tuesday, April 14, 8:25 A. M.  
Fourth Quarter Bills Due.....Tuesday, April 14  
Final Examinations.....June 4 to 9  
Commencement Week.....June 4 to 11  
Baccalaureate Service.....Sunday, June 7, 10:30 A. M.  
Annual Meeting, Board of Trustees.....  
-----Tuesday, June 9, 10:00 A. M.  
College Commencement.....Thursday, June 11

Regular Meetings, Board of Trustees, June 10, September 23,  
January 27, April 28.

## BOARD OF TRUSTEES

### Class of 1913

C. H. JONES, Lumber, Tacoma.  
HENRY LONGSTRETH, Loans, etc., Tacoma.  
GEO. H. STONE, Merchant, Tacoma.  
F. H. WHITWORTH, Civil Engineer, Seattle.  
M. E. HAY, Olympia.  
ARTHUR GUNN, Capitalist, Wenatchee.  
W. S. KENNEDY, Merchant, Tacoma.

### Class of 1914

REV. M. A. MATTHEWS, D. D., Pastor of First Presbyterian Church, Seattle.  
REV. FRANK M. SILSLEY, D. D., Pastor of Westminster Presbyterian Church, Seattle.  
GEORGE E. McMASTER, Merchant, Tacoma.  
D. S. JOHNSTON, Capitalist, Tacoma.  
H. H. McMILLAN, Real Estate, Spokane.  
REV. MURDOCK McLEOD, D. D., Pastor First Presbyterian Church, Tacoma.  
REV. S. WILLIS McFADDEN, D. D., Pastor First Presbyterian Church, Spokane.

### Class of 1915

W. B. DUDLEY, Capitalist, North Yakima.  
C. W. MORRILL, Merchant, Tacoma.  
W. W. BECK, Capitalist, Seattle.  
E. F. BENSON, Capitalist, Tacoma.  
CALVIN W. STEWART, Real Estate, Tacoma.  
REV. DAVID A. THOMPSON, Pastor First Presbyterian Church, Olympia.

### Officers

REV. MURDOCK McLEOD, President.  
D. S. JOHNSTON, Vice-President.  
HENRY LONGSTRETH, Secretary.  
PRESIDENT D. D. McKAY, Assistant Treasurer.

### Standing Committees

EXECUTIVE—Messrs. McLeod, Morrill, Johnston, Benson, Longstreth.  
FACULTY—Messrs. Johnston, McLeod, Morrill, Thompson, Silsley.  
ENDOWMENT—Messrs. Longstreth, Johnston, McLeod, Gunn.  
GROUNDS AND BUILDINGS—Messrs. Johnson, Kennedy.  
HONORARY DEGREES—Messrs. McLeod, Silsley, President McKay.  
CURRICULUM—Messrs. Matthews, Stewart, McFadden.

## Succession of Presidents

*Rev. Amos T. Fox.....	Feb.-Sept., 1890
*Rev. Calvin W. Stewart, D. D. ....	1890-98
Rev. Robert Boyd.....	1898-99
Franklin B. Gault, Ph. D. ....	1899-05
Rev. Barend H. Kroeze, D. D. ....	1905-09
Rev. Donald D. McKay, D. D. ....	1911-

\*Deceased.

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## Administrative Officers

President

Donald D. McKay, A. M., D. D.

Dean of College

Wallace H. Lee, A. M., LL. D.

Dean of Women

Florence G. Douglas, A. M.

Vice-President and Field Secretary

T. Davis Acheson, Ph. B.

Secretary of Faculty

Walter C. Eells, A. M.



# Faculty

Donald D. McKay, A. M., D. D., Pres.  
Philosophy

Wallace H. Lee, A. M., LL. D., Dean  
Latin, Greek, and Bible

William E. Roe, A. B., D. D.  
History, Economics, and Political Science

Florence G. Douglas, A. M.  
English Language and Literature

Herschel E. Hewitt, A. B.  
Chemistry and Physics

George B. Jackson, A. M.  
Modern Languages

Harold F. Holcombe, A. B.  
Biological Sciences

Walter Crosby Eells, A. M.  
Mathematics

Kenneth Ghormley, A. B.  
Civil Engineering

M. Gail Conaway  
Home Economics

Thomas N. Gunn, D. D.  
Assistant in Bible

Jessie K. La Wall, A. B.  
Assistant in Latin

Gana Balabanoff, A. B.  
Assistant in English

Donna Elder Jackson  
Public Speaking

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**May Octavia Hankins**  
Piano and Director of School of Music

**Hedwig Fritsch**  
Voice

**Olof Bull**  
Violin

**Marie Carey Druse**  
Art

**Kenneth Ghormley, A. B.**  
Athletic Coach

**Lucile Howe Randall**  
Physical Training

**Mary Livermore**  
Matron

**Grace Adene Hill**  
Office Secretary

# General Information

## HISTORY

**W**HITWORTH COLLEGE was first started in 1883 as an academy by Rev. George F. Whitworth, D. D., in Sumner, Washington, near Tacoma, under the name of Sumner Academy, and so operated for seven years.

In 1890 it was incorporated as a College under the laws of the State of Washington, and for nine years longer remained at Sumner, doing a noble work. In 1899, owing to the persistence of its President, Rev. Calvin W. Stewart, D. D., it secured a generous gift from Mr. Armour of New York, and changed to its present location in Tacoma, beginning its new career January 2, 1900. The coming year, 1913-14, is, accordingly, its twenty-fourth year as a College.

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## LOCATION

**T**HE LOCATION of a college has very much to do with its success. Whitworth's location is in many respects superior to that of any other college in the country. This is a large claim, but one that any one would verify after even a casual inspection. The city of Tacoma is a hustling, thriving, active city, located on the navigable waters of Puget Sound and on the direct lines of several transcontinental railroads. It is in close vital touch with every part of the country, both by rail and sail. The college is located in the north end of the city, far enough away from the life of the city not to be disturbed and near enough to feel the pulsating throb of the active commercial life of this whole Puget Sound country. The college stands on what is known as Inspiration Point, from which is given a broad and commanding view of the snow-capped peaks of the Cascades and Coast ranges and the busy waters of Puget Sound, on which can be seen the vessels of all nations. With such surroundings, scenery and climate, Whitworth College is able to be at her very best. We invite students to come to her halls and pursue their education.

## SITE AND BUILDINGS

**T**HE COLLEGE is reached by the Point Defiance cars. There are six buildings, as follows:

The Ladies' Hall, on the bluff overlooking the city and the Sound, a large building of sixty rooms built in the appearance of a residence. There is no finer location, either in point of scenery or salubrity of climate, to be found anywhere in the country. This is the universal testimony of visitors.

Mason Hall is the administration building, containing the chapel, library, office, and some recitation rooms.

Olmstead Hall is the home of the music department. It is located on 42d and Stevens Streets.

Erwin Hall is the young men's dormitory. Here are found pleasant accommodations for many of the young men who are attending college.

Science Hall is a building provided with lecture rooms, laboratories, and recitation rooms. The entire basement of this building is devoted to the department of Home Economics.

All the buildings thus far mentioned are steam heated and electric lighted.

The Gymnasium is the latest building to appear on the campus. Its dimensions are 90x115. The front portion of the building is fitted out with rooms for the use of the Christian associations and Literary societies. The students find this building an important adjunct to college life.

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## A PRESBYTERIAN COLLEGE

**W**HITWORTH COLLEGE is called a Presbyterian institution. What does this signify? It does not signify that the students are all Presbyterians. It does not mean that the teachers are all Presbyterians. It does not indicate that the Trustees are all Presbyterians. For in each of these three cases the other denominations are represented. It simply means that the Presbyterian Church is a trustee of

the interests, policy and work of the college and assumes the responsibility before the country at large of seeing to it that the college recognizes religion in its educational work and gives it its proper amount of attention. The college is absolutely unsectarian and undenominational as far as any teaching or class work is concerned. The Bible is one of the text books of the institution, and every student is required to include Bible work in his course, but the Bible is not used for the purpose of teaching Presbyterian doctrines, and if a teacher so used it he would be required to discontinue such use. Whitworth College invites men and women of evangelical denominations to positions on its faculty, to help in its finances, and to contribute of their moral and friendly support. It invites all students of any denomination or no denomination to enter its classes and mingle in its student life so long as they can present evidence of being young men and women of character. Whitworth College is not a reform school, and does not invite, and will not welcome, boys and girls who have bad characters and evil intentions. We cannot afford to let such mingle with the excellent young men and women who compose our student body.

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### THE RELIGIOUS LIFE

**T**HE OBJECT of Whitworth College is to extend the influence of Christian education.

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

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

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 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, Oregon, and Gearhart Park, Oregon.

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 and intended for those students rooming at the College and away from home.

The Y. P. S. C. E. of the neighborhood, well sustained, holds Sunday service in Bethany Church, two blocks from the college.

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### ADMINISTRATION

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

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

## SCHOLASTIC

**W**HITWORTH 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.

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### AN ACCREDITED SCHOOL

**B**Y 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 School Law. 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.

Whitworth Academy is also an accredited school, its graduates having the same standing as those of the accredited High Schools of the State of Washington.

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

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

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

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### CORRESPONDENCE

**T**O RECEIVE prompt attention, all inquiries concerning the college, and all correspondence affecting the college, should be addressed "Whitworth College, Tacoma, Washington." Such correspondence will be referred immediately to the proper official. Only personal communications should be addressed to individual members of the faculty.

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### WHITWORTH COLLEGE BULLETIN

**T**HE OFFICIAL publication of the college emanates from the office monthly, and is called "The Whitworth College Bulletin." Any number will be mailed on request. Persons wishing to be placed on the mailing list should send their names to the office with such request.



## THE LIBRARY

**T**HE 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, embracing 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 Edinburgh 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

**T**HE SCIENCE DEPARTMENTS have four laboratories—a chemical laboratory, a physical laboratory, a biological laboratory, and a domestic science 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 floor of the Science Hall. A good assortment of specimens and apparatus has been selected and secured, and the laboratory is well fitted up with tables and cases.

The Domestic Science Laboratory, occupying the lower floor of Science Hall, is thoroughly equipped for the work of the department. Adjoining the laboratory is a dining room where practice meals prepared by the students may be served.

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## MUSEUM

**T**HE 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. 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 a building of its own near the Stadium, where a large collection of historical material pertaining to the State has been arranged for public study and investigation. Students have privileges.

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### HOME LIFE

**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 Chris-

tianize 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 social 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.

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.

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

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

No non-resident student 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 bedspreads, 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 spring, a dressing case, study table, a 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 and Easter vacations 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, except Vesper service.

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### THE DEAN OF WOMEN

**T**HE YOUNG women, both day students and boarders, are under the immediate supervision of the Dean of Women. She is their friend, counsellor, and director.

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### COLLEGE EVENTS

**T**HE INTEREST in college life is very much enhanced by certain college events and traditions, which have their origin in student spirit, and are helpful in establishing those customs, associations, and memories which make college life something to be remembered, thought over, and loved during all the subsequent years.

There are several such events in which the students take great pride, maintain great spirit, and enter with hearty zest.

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

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

Early in the fall occurs the annual Freshman-Sophomore Contest, consisting of tug-of-war, cane rush, and other con-

tests of a similar kind, under the personal oversight and supervision of the Senior class, and witnessed by the entire college, students, and faculty.

Two interesting events in the year are known as "Open Dorm." These are not held at the same time. The young ladies hold open house for their friends in the Ladies' Hall, and at another time the young men do likewise in Erwin Hall. Each occasion is marked by social festivity and is looked forward to for many weeks by the students.

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

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

On the Friday evening nearest Valentine Day occurs an occasion known as the "Prep Party," which is a social occasion especially for the students of the Academy.

In honor of George Washington's birthday, the college has what is known as the "Colonial Party," with costumes and forms of entertainments in keeping with olden times. The college Literary societies have charge of this affair, under the direction of the faculty.

In the early spring occurs what is known as "Campus Day." This comes about the time of the opening of the baseball season and spring athletics, and is for the purpose of getting the grounds ready for baseball and track events. Every person connected with college is expected to turn out and render valuable assistance at this time.

Early in April the girls of the Y. W. C. A. have a party of their own called the "April Frolic." This is usually held in the Ladies' Hall and is an occasion of rare delight for those who attend.

The first Saturday of April is observed by the Y. M. C. A. with an event called the "April Hike." It is desired that all the boys of the institution shall take part in this and enjoy a cross-country walk to some spot of interest within reach of the college.

In May occurs the event known as the "Kappa Gamma May Party." This is a social occasion held in the Gymnasium under the direction of the Kappa Gamma Society.

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### STUDENT ORGANIZATIONS

**T**HE 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 athletics 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 Jefferson Literary Society is an organization of young men of college grade who meet regularly to discuss and debate sociological questions.



The Sigma Delta Gamma is a social organization of girls.

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

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### NEW STUDENTS

**S**TUDENTS coming to Whitworth for the first time should plan to arrive on Saturday or Monday before the opening of the semester, so as to conclude all necessary arrangements. Assignment to rooms and boarding places will be made by the President or Dean at the College office in Mason Hall. The student should plan to come prepared to pay the fees and bills of the first quarter in advance. Young women may repair directly to the Ladies' Hall and consult the Dean of Women with regard to baggage and all matters of personal interest.

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### TO REACH THE COLLEGE

**T**HE POINT DEFIANCE car line goes within two blocks of the College. Fare paid on the interurban entitles the passenger to a free transfer to the Point Defiance line. To reach the Office, ride to North Forty-second Street and walk two blocks east. Young ladies going to the Ladies' Hall will alight at North Forty-third Street and walk two blocks east. Erwin Hall, the men's hall, is at North Forty-fourth Street on North Stevens Street.

The college has a special arrangement, at favorable rates, for delivery of baggage. Students should bring their checks to the college to insure prompt attention and delivery. The Matron looks after the baggage for girls and the Dean for the boys. Immediate needs should be provided for by carrying hand baggage. Students will be met at the depot upon request.

## BOOKS

**S**TUDENTS provide their own books, note books, and tablets. The college operates a book store in Mason Hall, providing books and stationery and all school supplies at the usual price of stationers.

## EXPENSES

**T**HE COLLEGE year is divided into two semesters of eighteen weeks each. For business purposes only, each semester is divided into two quarters of nine weeks each. All bills are payable in advance and are due at the first of each quarter. A student entering any time during the first month of a semester will be charged tuition and fee for the whole quarter. A student leaving during the last month of a semester will not be entitled to any rebate of either room rent or tuition. Room rent, if a room has not been previously engaged, and board will be charged from the time of entering to the end of the current quarter, a fraction of a week being 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.

Tuition in the College or the Academy, per year----	\$75.00
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----	52.00
One half-hour per week, for the semester-----	27.00
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.....	20.00
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.....	2.00
Art, one lesson per week, for the semester.....	18.00
Two lessons per week, for the semester.....	27.00
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
Domestic Science, for the year.....	7.50
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
Board and Room—	
Table board by the quarter is \$4.00 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 of \$5.00 as an indemnity for breakage not due to ordinary usage. The fee, less breakage, if any, will be returned at final settlement. Room key must be returned before final settlement.

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

#### Special Students—

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 \$10.00 per semester for each class.

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

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

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### HOURS

**T**HE REQUIRED number of hours of recitation expected of the regular student is 16 hours a week. This may be raised to 18, by arranging with the office at the time of registration, but no student will be permitted to take over 18 hours a week, without faculty action, in which case extra tuition may be charged.

## SELF-HELP

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

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## PRIZES

### Long-Black Prize

**T**WO FRIENDS of the college have established a Scholarship Prize, to be known as "The Long-Black Scholarship Prize in Economics and Social Science." The purpose of the prize is to encourage investigations in social questions, especially as they relate to the West and the Orient. Each year \$50.00 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 *nom de plume*.
- 3.—The competition is open to all students in the College. There will be first and second prizes.

### W. R. Ballard Oratory Prizes

Beginning with the year 1913, the "W. R. Ballard Oratorical Contest" is established, open to members of the Sophomore and Freshmen classes, with first and second prizes of \$30 and \$20, respectively. The contest takes place during Commencement week, subject to the usual conditions attending contests of this kind. This is made possible by the generous provision of Mr. W. R. Ballard, of Seattle.

### Temperance Oratory Prizes

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

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### 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.

#### Alumni Scholarship

At their annual meeting and banquet held June 1, 1912, the Alumni decided to establish a tuition scholarship, to be known as the Alumni Scholarship, of \$60. The Alumni Association will name the beneficiary and the conditions upon which the scholarship is conferred.

#### Converse Scholarships

Two scholarships have been endowed by the late Mr. John H. Converse, of Philadelphia, the income from which is applied to the tuition of such candidates for the ministry as may be selected by the faculty. The income available from these for 1913-14 is \$50.00 each.

#### Silliman Scholarship

One scholarship yielding \$50.00 per year, endowed by Dr. H. B. Silliman, of Cohoes, New York, has been assigned to Whitworth College. By the terms of the trust the income from this fund is to be applied to the "tuition of such male students 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."

### Cash Scholarships

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

The following scholarships have been established:

Ballard, W. R. ....	Seattle, Wash.
Black, Frank D. ....	Seattle, Wash.
Beck, W. W. ....	Seattle, Wash.
First Presbyterian Church.....	Spokane, Wash.
First Presbyterian Church.....	Spokane, Wash.
First Presbyterian Church.....	Spokane, Wash.
Johnston, Mrs. J. B. ....	Oroville, Wash.
Johnston, Mrs. J. J. ....	Montesano, Wash.
Laurie, Rev. James A. ....	Wenatchee, Wash.
Long, J. Grier .....	Spokane, Wash.
Port Blakeley Presbyterian Church.....	Port Blakeley, Wash.
Powell & Ross .....	Hoquiam, Wash.
Reid, James C. ....	Tacoma, Wash.
Ronald, Walter G. ....	Seattle, Wash.
Schroeder, Henry A. F. ....	Seattle, Wash.
Severance, A. E. ....	Tacoma, Wash.
South Park Presbyterian Church.....	Seattle, Wash.

Stewart, James Gordon.....Seattle, Wash.  
 Wenatchee Elders .....Wenatchee, Wash.  
 Wenatchee Trustees .....Wenatchee, Wash.  
 Whitworth, F. H. ....Seattle, Wash.  
 Zimmer, Mrs. Carrie M. ....Seattle, Wash.

**WHITWORTH COLLEGE, TACOMA, WASH.**

Name of Scholarship.....

I HEREBY subscribe for one four-year Scholarship in Whitworth College, Tacoma, for which I will pay \$60.00 per annum, payable

Signed.....

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

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

For and in consideration of the advantages received or to be received by me from the acceptance of the..... four years' scholarship in Whitworth College, on or before 10 years from date of my graduation or leaving said college, I agree to subscribe for and establish a scholarship in Whitworth College, Tacoma, for the same length of time that I was beneficiary of a scholarship in said college, and to pay for the same at the rate of \$60.00 per annum, payable quarterly.

Copyright, 1912, by Whitworth College.

**P**ERPETUATE your name by doing something that will advance the Kingdom of Righteousness and at the same time bring honor to yourself. Give us your note for \$1,000, payable from your estate after death, and we will establish a scholarship under your name in perpetuity. The interest on the \$1,000 will educate young men and women from now on as long as the world stands. See the good come from your generous act while you are living, and estimate, IF YOU CAN, the endless good of sending men and women into the world who have been educated by your act under Christian influence.



### THE RHODES SCHOLARSHIP

Frederic D. Metzger and Kenneth Ghormley both qualified in the Cecil Rhodes scholarship examination January 21, 1908. Mr. Metzger was the elected scholar at Oxford, England, for three years, returning in June, 1911. The success of these young men is indicative of the scholastic standing of Whitworth College.

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### THE LADIES' AUXILIARY

In 1908 the Ladies' Auxiliary was formed, which has proven to be a wonderful help to the College. An Executive Committee was made by selecting a lady from each Presbyterian Church in the city, who invited other ladies to become members. Thus the organization is composed of ladies interested in the development and improvement of the College, and now numbers 110 members. It has an Advisory Committee of the Faculty ladies, who help the society to shape its policy and execute the same. The society has two regular meetings a year, in April and October, and an annual membership fee of \$1.00. The bounds of the auxiliary have gradually been extended to take in some of the surrounding towns, and, in addition, a very flourishing branch has been organized at Wenatchee of forty members, which raised enough money one year to fit out the Domestic Science Department with an excellent equipment of table silver. It is hoped that ladies in other Presbyterian churches in the state will come to the help of this excellent organization and form branches and go to work definitely to help the college in some way. It would be well to act at once and report to the Secretary before the October meeting. The officers for next year are as follows, all resident in Tacoma: President, Mrs. James Russell, 802 North Steele Street; Vice-President, Mrs. D. O. Ghormley, 4412 North 37th Street; Secretary, Miss Madge Osmond, 801 North J Street.

Address all communications to the Secretary, Miss Madge Osmond, 801 North J Street, Tacoma, Washington.

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## THE WHITWORTH FEDERATION

Frederic D. Metzger, '06, President.

Katharine M. Robinson, '09, Vice-President.

Jessie K. LaWall, '09, Secretary.

Henry Longstreth, Jr., '10, Treasurer.

The Federation is composed of members of the Alumni Association, former students of college standing who have attended Whitworth at least one year, and members of the existing Junior and Senior classes. Its object is to promote interest in the College and to maintain a close relationship between former students and those now in College. Despite the fact that this body has been in existence less than three years, it has accomplished both these things to a marked degree. As a means to these ends, the Federation has adopted the plan of beautifying and keeping up the College grounds. Every loyal Whitworthian, and there are many of them, will aid the Federation by applying for membership.

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## REPORTS

**T**HE GRADE of a student is determined by combining the daily work in class with the examination results in the proportion of two to one.

The marking system in use records the student's standing in percentage, the lowest passing percentage being 75. Absences from recitation count as failures unless the work is made up to the satisfaction of the instructor.

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## ADMINISTRATION

**T**HE 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.

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### 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, a preparatory school to fit students for college. Certificates of graduation are given.
- III.—The School of Music, offering courses in Voice, Piano, Organ, Stringed Instruments, Theory and History of Music.
- IV.—The Art School.

# College of Liberal Arts

# The College

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## ADMISSION

**T**HE 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 preceding that of the classes they wish to enter, or else be examined on the studies they have pursued by the class they desire to enter.

The college requires at least one year of study in residence of every candidate for graduation.

Applicants entering by examination will find the requirements outlined below.

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## ADMISSION TO FRESHMAN CLASS

**A**LL 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 intelligent expression; (4) in the study of the masterpieces, the college adopts substantially the official announcement of the Joint Conference of the Colleges and Secondary Schools.

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\*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 Caesar'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) Algebra, one and a half years; (3) Plane and Solid Geometry, with original problems.

**History—**

- (1) Ancient History; (2) English History, or U. S. History and Civics.

**Science—**

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

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

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## COLLEGE COURSES

**S**EVEN 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 Latin and one modern language are 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., English:** English Literature and English are the major work in this course. History, philosophy, and modern languages should be the principal minors. The degree of Bachelor of Arts is conferred upon those who complete this course.

**Course IV., Historical:** In this course the major requirements are history, economics, sociology, and political science. Work is also required in English, philosophy, languages, etc. The degree of Bachelor of Arts is conferred upon those who complete this course.

**Course V., Scientific:** 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 VI., Mathematical:** 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.

**Course VII., Home Economics:** This course is offered to those who wish to specialize in Home Economics. The Sciences receiving the most emphasis—the principles of chemistry and physiology—are applied in the study of foods and their preparatoin and dietetic value; of bacteriology in the hygiene and sanitation of the home; of physics in lighting and heating and ventilating. The construction of the house, its equipment, care, and management are all considered. English, mathematics, languages, sociology, ethics, and psy-

chology are also included that the course may be well balanced and be cultural and disciplinary as well as of practical value. 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.

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### GRADUATION

A study occurring one hour per week through the school year is counted one unit.

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

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

To graduate Magna Cum Laude requires an average grade of 95 per cent., no grade to fall below 90 per cent.



## COURSES IN OUTLINE

I. Classical.	II. Latin Classical.	III. English.	IV. Historical.	V. Scientific	VI. Mathematical.	VII. Home Economics.
FRESHMAN Greek, Latin, Mathematics, English, Bible.	FRESHMAN Latin, or German, Mathematics, English, Bible.	FRESHMAN Rhetoric, Mathematics, History, Latin, Greek, Ger- man, or French. Bible.	FRESHMAN History, English, Mathematics, Language, Bible.	FRESHMAN Science, Mathematics, English, German, Bible.	FRESHMAN Mathematics, Science, English, German, Bible.	FRESHMAN Home Economics I, Chemistry, Mathematics, English, Bible.
SOPHOMORE Greek, Latin, History, Science, Bible. *Physical Culture.	SOPHOMORE Greek or German, Latin, History, Science, Bible.	SOPHOMORE English Literature, Science, History, Latin, Greek, Ger- man, or French. Bible.	SOPHOMORE History, English, Science, Language, Bible.	SOPHOMORE Science, Mathematics, History, German, Bible.	SOPHOMORE Mathematics, Science, History, German, Bible.	SOPHOMORE Home Economics, Chemistry, English, Zoology or Botany, Bible.
JUNIOR Greek or Latin, English, History, Philosophy, Electives, Bible.	JUNIOR German or French, English, History, Philosophy, Electives, Bible.	JUNIOR English, Philosophy, Science, Latin, Greek, Ger- man, or French. Electives, Bible.	JUNIOR History, Political Science, English, Philosophy, Electives, Bible.	JUNIOR Science, History, Philosophy, Electives, Bible.	JUNIOR Mathematics, Science, Philosophy, Electives, Bible.	JUNIOR Home Economics, Physiology, German or French. Electives. Bible.
SENIOR Greek or Latin, Social Science, Electives, Bible.	SENIOR German or French, English, Social Science, Electives, Bible.	SENIOR English, Greek, Ger- man, or French. Social Science, Electives, Bible.	SENIOR History, Economics and Sociology, Electives, Bible.	SENIOR Science, English, Social Science, Electives, Bible.	SENIOR Mathematics, English, Social Science, Electives, Bible.	SENIOR Home Economics, Philosophy, Electives, Bible.

Students entering college without Greek may take, as an elective, courses covering the first two years' work.  
\*Students are expected to take Physical Culture every year, in all courses, 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.
- Group "H" (a) Domestic Science, (b) Domestic Art.

Summary of Course I. (Classical) 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) -----	3 units
		Group "F" (a) or (b) -----	4 units
		Group "G" (a) -----	4 units
		Physical training -----	2 units
		Elective -----	11 units
			<hr style="width: 100%;"/>
		Total -----	66 units

Summary of Course II. (Latin-Classical) 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) -----	5 units
		Group "E" (a) or (b) -----	3 units
		Group "F" (a) or (b) -----	4 units
		Group "G" (a) -----	4 units
		Physical training -----	2 units
		Elective -----	12 units
			<hr style="width: 100%;"/>
		Total -----	66 units

## Summary of Course III. (English) by Groups:

Major Requirements	{	Group "B" (a) -----	16 units
		Group "A" -----	14 units
Minor Requirements	{	Group "C" (a) -----	4 units
		Group "D" -----	5 units
		Group "E" (a) or (b) -----	3 units
		Group "F" (a) or (b) -----	6 units
		Group "G" (a) -----	4 units
		Physical training -----	2 units
		Elective -----	12 units
		Total -----	66 units

## Summary of Course IV. (Historical) by Groups:

Major Requirements	{	Group "F" (a) 4, (b) 13 -----	17 units
		Group "B" (a) -----	12 units
Minor Requirements	{	Group "A" (b), (c) or (d) -----	8 units
		Group "C" (a) -----	4 units
		Group "D" (a), (b) or (c) -----	5 units
		Group "E" (a) or (b) -----	3 units
		Group "G" (a) -----	4 units
		Physical training -----	2 units
		Elective -----	11 units
		Total -----	66 units

## Summary of Course V. (Scientific) 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) -----	3 units
		Group "F" (a) or (b) -----	4 units
		Group "G" (a) -----	4 units
		Physical training -----	2 units
		Elective -----	11 units
		Total -----	66 units

## Summary of Course VI. (Mathematical) 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) -----	3 units
		Group "F" (a) or (b) -----	4 units
		Group "G" (a) -----	4 units
		Physical training -----	2 units
		Elective -----	11 units
		Total -----	66 units

Summary of Course VII. (Home Economics) by Groups:

Major Requirements	{	Group "D" (b) 10, (c) 4 -----	14 units
		Group "H" (a) 8, (b) 8 -----	16 units
Minor Requirements	{	Group "A" (c) or (d) -----	4 units
		Group "B" (a) -----	8 units
		Group "C" (a) -----	4 units
		Group "E" (b) -----	3 units
		Group "G" (a) -----	4 units
		Physical training -----	2 units
		Elective -----	11 units
		Total -----	66 units



# Courses of Instruction

## THE BIBLE

**T**HE IMPORTANCE of this study can hardly be overestimated. College students all over the country are found to be deficient in even an ordinary knowledge of the Bible. It is the determination of Whitworth College, and of every other like college, that no student shall go out from its walls lacking in this respect. Accordingly, Bible study is required of every student that enters Whitworth, and that every year, as long as the student attends. There is no exception to this rule. This is one of the things for which a Christian college stands, and without which it would be robbed of one reason for existing.

Courses from among the following are conducted each year:

- 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, environments; 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.

VII.—Systematic study of the contents of the Bible as a whole, and of each book separately, beginning with a general survey of the whole book; the sources whence we derive our Bible; the story of the manuscripts; the steps up to the latest revision of our English Bible; a scheme of general Bible History in seven heads; and the contents of each book in compact form.

## 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.

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 by lectures. A portion of the work is occupied with an analysis of the complex mental processes in the light of advanced experimentation. James' Psychology is the basis, with Hopkins, Baldwin, Ladd, McCosh, Dewey and others as reference works.

Second Semester. Three Hours.

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

Second Semester. Three Hours.

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

Three Hours Throughout the Year.

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 a clear conception of recent philosophic investigation and to cultivate philosophizing.

Second Semester. Three Hours.

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.

Either Semester. Credit to be determined.

VII.—Philosophy of Education. Open to Seniors and Juniors only. One Semester is devoted to a study of the duties and mutual relationships of School Superintendents, Principals, Special Supervisors and Teachers. The second Semester will be devoted to a study of the scientific principles underlying education in its broadest sense and the application of these principles in everyday practice. Bolton's Principles of Education will be used as a basis for this work, supplemented by lectures and collateral reading. Students who have not had Psychology, and either General Biology or Advanced Physiology, will be admitted to the course only upon satisfying the instructor that they can do the necessary collateral reading in those subjects. Given alternate years. Offered in 1913-14.

Two Hours Throughout the Year.

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

### ECONOMICS—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.

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 1915.

Second Semester. Four Hours.

III.—Political Science. The origin, growth, functions, and present forms of the State, with discussions of practical political problems. Given in 1914.

Second Semester. Four Hours.

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## HISTORY

- I.—General History. The Medieval and Early Modern Periods. From the fall of the Western Empire to the Peace of Westphalia. Throughout the Year. Three Hours.
- II.—General History. The Modern Period from the accession of Louis XIV. until the present. Throughout the Year. Four Hours.
- III.—Constitutional History of the United States, with a brief introductory sketch of the origin and growth of the English Constitution. Given in 1914-1915. Throughout the Year. Three Hours.
- IV.—Constitutional History of England. Growth of the English Constitution, with constant comparison with American usages. Given in 1913-1914. Throughout the Year. Three Hours.
- 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.

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

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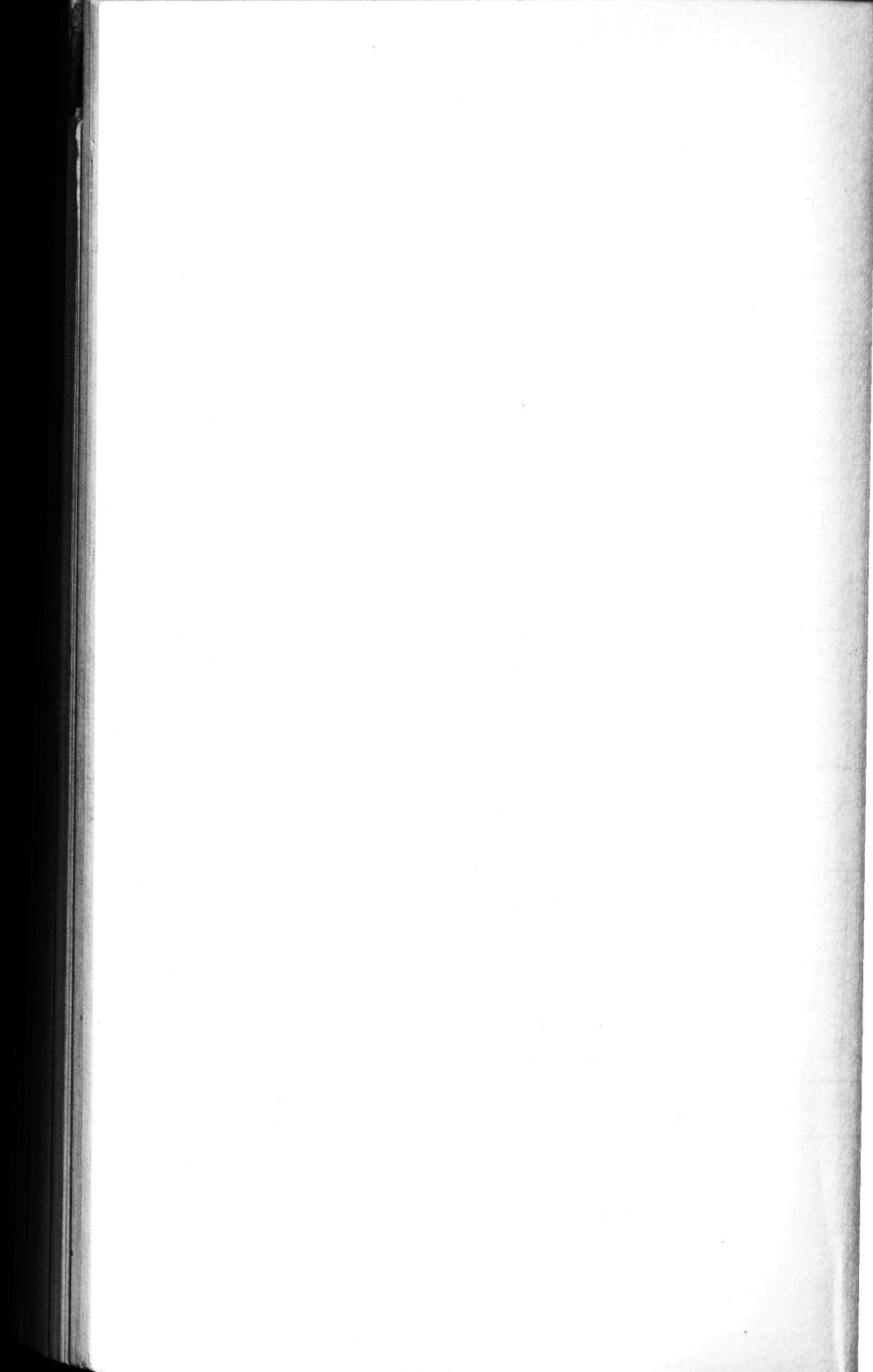
## LATIN

**T**HE AIM of this department is to give the student a clear conception of the genius of the Latin language, an accurate knowledge of its form and structure, and the ability to read its masterpieces with intelligent appreciation. The work involves and fosters familiarity with the essential facts and lessons of Roman history, the characteristics of Latin literature and the conditions prevailing in Roman private and public life. The study of the classics is made to minister to a better understanding of the English language, and life and spirit are engendered in the study by such comparison.

Four years of preparatory Latin are required for majoring in this department.



- I.—Cicero. *De Senectute* and *De Amicitia*. Latin Prose.  
 Texts.—Egbert's *De Senectute*, Johnson's *De Amicitia*, Nutting's  
*Advanced Latin Composition*.  
 First Semester. Four Hours.
- II.—Livy. Books XXI. and XXII. Special points of emphasis:—  
 Grammatical Construction, the Roman Monarchy, the Rise and  
 Growth of Roman Institutions, the Period of the Punic Wars.  
 Text.—Greenough and Peck.  
 Second Semester. Four Hours.
- III.—Horace. *Odes* and *Epodes*. A study in the metrical system of  
 Horace. Text: Smith and Greenough.  
 First Semester. Four Hours.
- IV.—Cicero or Pliny. Selected Letters. Theses by the student upon  
 assigned topics. Texts: Abbott's *Cicero*, Holbrooke's *Pliny*.  
 Second Semester. Four Hours.
- V.—Horace. *Satires* and *Epistles*. History of the Roman Satire.  
 Topic papers by the student. Text: Greenough.  
 First Semester. Four Hours.
- VI.—Tacitus. *Germania* and *Agricola*. Text: Gudeman.  
 Second Semester. Four Hours.
- VII.—Tacitus, *Annals*. Juvenal, *Satires*. Texts: Allen's *Tacitus*.  
 Wright's *Juvenal*.  
 First Semester. Three Hours.
- VII.—Seneca, two plays. The Period of Seneca. Lectures upon the  
 Roman Drama.  
 Second Semester. Three Hours.
- IX.—Quintilian.  
 First Semester. Three Hours.
- X.—Roman Private Life. Given by informal lectures and topical as-  
 signments.  
 Second Semester. Three Hours.
- XI.—Teacher's Latin Course. Intended for those who expect to teach  
 Latin. A thorough study analytically of the Latin Grammar  
 from the standpoint of its principles. An investigation of the  
 methods of instruction, of the aims of a Latin Course, and the  
 various text-books. *Advanced Latin Prose*.  
 Throughout the Year. One Hour.



SCI

	Bible	Philosophy	English	History	Greek	Latin
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8:25 to 9:15			1 Academy Junior	Sophomore T., W., Th., Fri.	Freshman	3 and 4 Academy
9:20 to 10:10	College Classes Wednesday	Logic T., Th., Fri.	Freshman M., T., Th., Fri.	Academy T., W., Th., Fri.		Sophomore M., T., Th.

10:15  
to  
10:40

10:40 to 11:30				Freshman W., Th., Fri.		1 Academy Junior
11:35 to 12:25	2 Academy Monday		Argument, Fri. Sophomore M., T., W., Th.	Economics T., W., Th., Fri.	Sophomore	

No

1:20 to 2:10	1 Academy Wednesday	Pedagogy Thu.		4 Academy M., T., Th., Fri.	Elective	2 Academy
2:15 to 3:05			3 and 4 Academy M., T., W., Th. 2 Academy	Junior M., T., W.	3 Academy	
3:10 to 4:00	3 and 4 Academy Friday	Pedagogy T.	Argumentation Wednesday			

LE

man	French	Mathematics.	Chemistry and Physics	Biology	Home Economics
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		Plane Geometry Mechanics	4 Academy Physics	Zoology Freshman	Domestic Science II. Lab. Tu.
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nior		Analytics		Physical Geography 2 Academy	Domestic Science II. Rec. Th.
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ademy	III. Senior	Calculus M., Tu., W., Th.	Chemistry VI. M., Th. Chemistry V. M., T., Th.	Botany 3 Academy	Domestic Science I. M., W., Lab.
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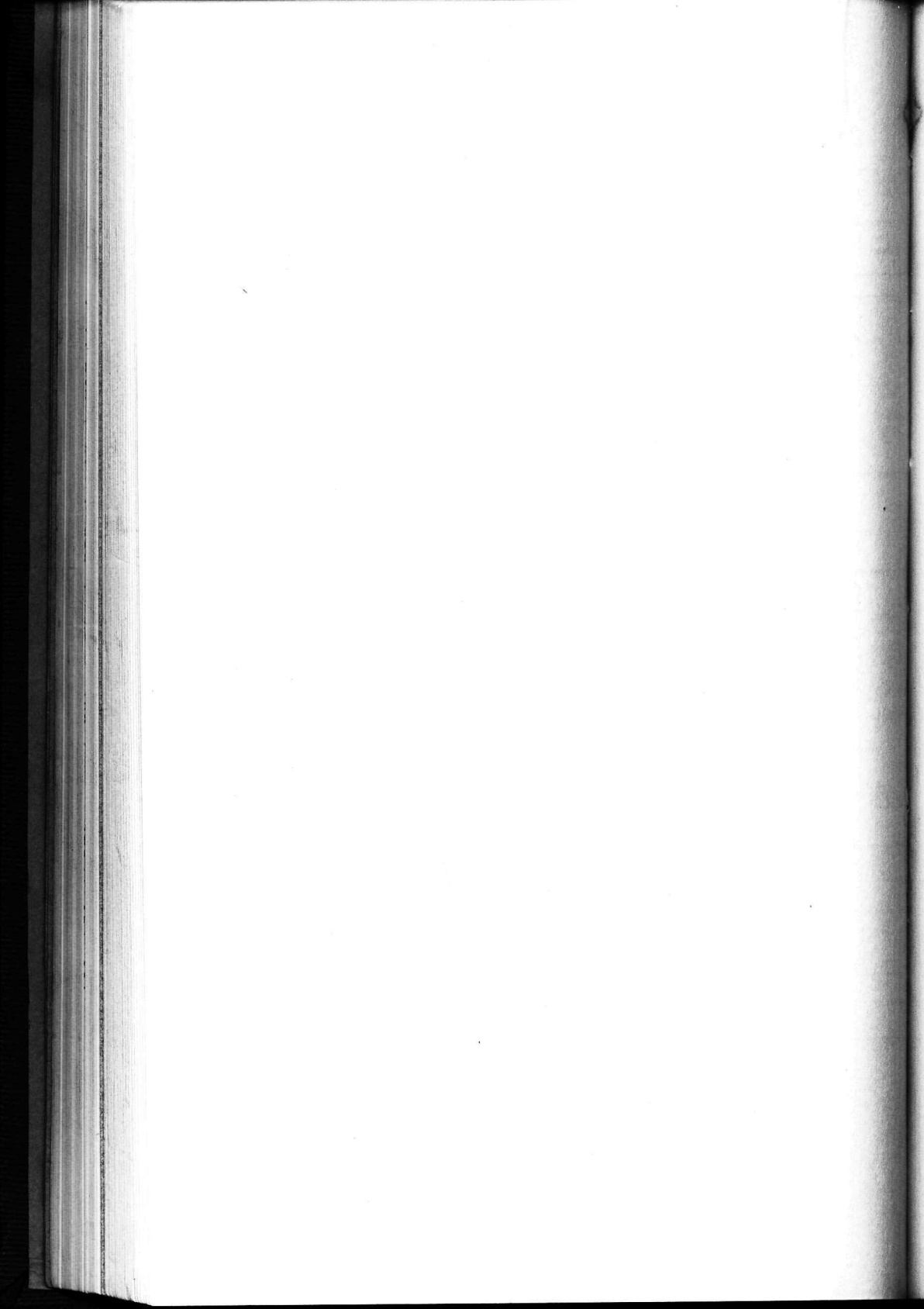
an I ademy	II. Junior Tu., Th., Fri.	1 Academy Algebra			Textile Fri.
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	I. Sophomore	3 Academy Algebra College Algebra		Physiology Junior	Academy Domestic Science, W.
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		4 Academy	Chemistry I.	Physiology W., Fri.	Domestic Art, I. Th.
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## 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.

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## GERMAN

- I.—Bacon's German Grammar and Reader completed, supplemented  
with such easy classics as time permits. German is used freely  
in the class room from the very beginning, and at the end of  
the year students are expected to have a thorough knowledge  
of elementary German Grammar, and to carry on a simple  
conversation in idiomatic German.  
Both Semesters. Four Hours.
- II.—Bernhardt's Prose Composition furnishes material for translation  
from English to German and gives a review in first year gram-  
mar; Thomas' Grammar being used for more advanced grammar  
work. Bacon's Im Vaterland affords material for rapid reading  
in German and for conversations on every-day topics. Immensee  
and Wilhelm Tell are the classics read.  
Both Semesters. Four Hours.
- III.—Advanced Prose Course. Mastery of advanced grammar, with  
translation of from 75 to 100 pp. of fairly difficult English

into German. Texts used: Thomas' Grammar, Von Jagemann's Elements of German Syntax, Prose Book. Conducted in German. Two years' preparation necessary for entrance. Offered in 1914-1915.

Both Semesters. Two Hours.

IV.—Representative selections from the best authors from the time of Lessing to the 19th Century. Reading of from 350 to 500 pp. from such texts as the following: Lessing, Nathan der Weise; Schiller, Maria Stuart, Die Jungfrau von Orleans; Scheffel, Ekkehard, der Trompeter von Saekigen; Heine, Poems; Freytag, Die Verlorene Handschrift. Offered in 1913-1914.

Both Semesters. Three Hours.

V.—History of German Literature. A standard text in German is the basis of a brief survey of the History of the Literature, with reading of selections from the more important authors. One or more volumes of standard classics will furnish the necessary choice of selections. The text is for study in German, not for translation, and pupils recite in German on easy topics. Offered in 1914-1915.

Both Semesters. Three Hours.

VI.—Life and Works of Goethe. A careful study of the life of Goethe with critical reading of four representative works: Goetz von Berlichingen, Herman und Dorothea, Iphigenie auf Tauris, Faust, First Part. At least three years of German will be necessary to enter this class. Offered in 1913-1914.

Both Semesters. Three Hours.

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## FRENCH

I.—Chardenal's Complete French Course. Reading of simple classics to the amount of 150 or more pages. Careful attention to pronunciation and the use of idiomatic expressions. Thorough mastery of grammatical forms and elementary syntax. Special method for the mastery of irregular verbs. At the close of the year students are expected to translate easy French and English into the opposite language; and to use fluently a moderate vocabulary.

Both Semesters. Four Hours.

II.—More advanced grammar and syntax, using Fraser and Squair's grammar. Translation of 50 to 75 pages of intermediate English into French. Translation of 300 or more pages of intermediate French into English, with liberal amount of sight work. Representative texts: La Poudre aux Yeux, Colomba, Le Conscrit de 1814, La Mare au Diable, Readings from French History.

Both Semesters. Four Hours.

III.—Advanced Prose Course. Mastery of advanced grammar and syntax with translation of 100 or more pages of ordinary English into French. Fraser and Squair's grammar; Hennequin's Modal Auxiliaries; Prose Book. Two years' of thorough preparation necessary to enter this course. Students must be able to use and understand class room French. Offered in 1913-1914.  
Both Semesters. Two Hours.

IV.—French Classics. Critical study of from three to five selected masterpieces of French Literature. Liberal collateral reading in both French and English required. Texts are varied from year to year to give students desiring more French an opportunity to repeat. The following texts will indicate the grade of the work: Moliere, Tartuffe, L'Avare; Racine, Athalie, Iphigenie; Corneille, Le Cid; Victor Hugo, Ruy Blas; Rostand, Cyrano de Bergerac. Offered in 1913-1914.  
Both Semesters. Three Hours.

V.—Brief History of French Literature, using French Text. The actual study of the text is supplemented by readings of representative selections from the more important authors. The aim of the course is to get a good, general view of the development of French Literature throughout its entire course. Recitation in French on simple topics required. Students must have had at least two years of College French or three of High School or Academy French in order to carry the course. Offered in 1914-1915.  
Both Semesters. Three Hours.

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## SPANISH

I.—Elementary Spanish Grammar. Class-room reading of modern plays and stories. Grammar, Hills and Ford; Spanish Reader, Ramsey; El Capitan Veneco, Alarconi; El Si de las Ninas, Alarcon.  
Both Semesters. Four Hours.

II.—Literature and Composition. Grammar. Composition. Reading of principal dramatists. Spanish Literature. Spanish Composition, Ford; Marianela and Dona Perfecta, Galdos; La Vida es Sneuo, Calderon; Jose, Valdes; Extracts from Don Quixote; Spanish Literature, Clark.  
Both Semesters. Three Hours.

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



## ENGLISH

I.-II.—Rhetoric and Composition. 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.

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. Four Hours.

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

Second Semester. Four Hours.

V.—Shakespeare. A careful study of selected plays. Laws and technique of the drama. Lectures on the development of dramatic literature. Open to students who have had III. and IV.

First Semester. Four Hours.

VI.—The World's Masterpieces. A study of the Divine Comedy, Faust, The Odyssey, Paradise Lost, etc. Pre-requisite III. and IV.

Second Semester. Four Hours.

Note.—Courses V. and VI. will be given every alternate year.

VII.—A course in Public Speaking is offered to all students of college rank. This supplements the work in English Literature, and is accredited under that department. The object of the training is twofold: First, to train the faculties of the mind to rapid and accurate thinking, that the reading may be intelligent and discriminating; second, to prepare students to read expressively and to teach Public Speaking in connection with Literature and Rhetoric. Text: Public Speaking, Principles and Practice, Irvah Lester Winter.

Two Hours Throughout the Year.

## ORATORY

THE AIM of the department is to enable young men and women to appear successfully in public, and to prepare students to teach, Elocution, Higher English, and Physical Culture. In order that graduates in Elocution may become self-supporting, and possess that power by which they may

impress themselves upon the educational world, we insist, as a necessary qualification for graduation, upon a high school education or its equivalent. No philosophical system or method is taught exclusively, but everything of practical value in any method is used.

### FIRST YEAR

The text book used is Cumnock's Choice Readings. During the first year, instruction is given in the management and regulation of the breath; the proper use of the body in the development of Vocal Energy; the most advanced knowledge of English Phonation; the most approved method of acquiring a Distinct Articulation; the function of the Natural and Orotund Voices; the application of Force, Stress, Pitch, Rate, Quantity, and Emphasis, and their importance as the dynamics of expressive speech; the use of inflection for the purpose of emphasis and melodious effect; the fundamental principles of Gesture and their application; how harsh quality of voice may be removed, and pure musical quality acquired; how awkwardness in gesture may be conquered; how vocal practice should be regulated.

The practical results expected from the first year's training are:

An elegant and refined pronunciation of the English tongue. An absolutely distinct utterance. A flexible and melodious voice. The development of the sensibilities.

Two Hours Per Week Throughout the Year.

### SECOND YEAR

Classification of the Old and New Testaments for the purpose of reading; study of Hymnology and the Book of Common Prayer, with reference to the closing melody of clauses and sentences; Study and Delivery of the Masterpieces of English and American Eloquence; Reading from the modern Poets and Prose Writers; Special Training in Dramatic and Imaginative Literature; Study in Creative Gestural Expression.

Results expected from the second year's training:

Satisfactory and artistic reading of narrative, descriptive, and didactic styles; also in the delivery of orations. The skill to read effectively and with expressive power, the Bible, Hymn Book, and Liturgy. Practical knowledge in the organization and management of elocutionary work in High Schools and Colleges. The ability to analyze and interpret, at sight, any selection. The power to entertain and please as a public recitationist.

Two Hours Per Week Throughout the Year.

## ADVANCED COURSE

A course of one year is offered to all who desire to prepare themselves more fully for the exacting demands of public reading. This course involves the study and interpretation of the more important writings of the leading dramatists, poets, and novelists.

*Credit to be determined.*

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MATHEMATICS

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

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

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

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

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

II.—College Algebra. Review of elementary Algebra with emphasis on fundamental principles. Development of functional notion. Progressions. Variation. Complex numbers. Binomial Theorem. Logarithms. Permutations and Combinations. Series. Determinants. Elementary theory of equations. Graphic methods used constantly. Pre-requisite: Course I. Required of all candidates for a degree.

Second Semester. Four Hours.

III.—Analytic Geometry. Equations of curves in rectangular and polar co-ordinates. Algebraic study of the conic sections and more common higher plane curves. General equation of second degree. Introduction to Solid Analytic Geometry. Pre-requisite: Courses I. and II. Required of all candidates for the B. S. degree.

First Semester. Four Hours.

IV.—Calculus I. Theory of limits. Differentiation and integration of the algebraic and elementary transcendental functions. Simpler applications to geometry, algebra, physics, and mechanics. Pre-requisite: Course III. Required of all candidates for the B. S. degree.

Second Semester. Four Hours.

V.—Calculus II. Further study of differentiation and integration, especially of functions not considered in Course I. Improper and multiple integrals. Series. Methods of approximation. More advanced applications. Pre-requisite: Course IV. Required of all candidates for the B. S. degree in the Mathematical Course.

VI.—Mechanics. An elementary course, treating the general principles of forces and their effects, without the use of Calculus. Pre-requisite: Course I.

Second Semester. Two Hours.

VII.—Solid Analytic Geometry. Systems of co-ordinates. Equations of line and plane in space. Systematic study of the quadric surfaces.

Either Semester. Four Hours.

VIII.—Theory of Equations. Theory of determinants. Complex numbers. General properties of polynomials and of equations. Solution of higher degree equations.

Either Semester. Four Hours.

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

Either Semester. Four Hours.

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

Either Semester. Four Hours.

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

Either Semester. Four Hours.

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

Either Semester. Two Hours.

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

Either Semester. One or Two Hours.

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## APPLIED MATHEMATICS

I.—Plane Surveying. The theory of chain, compass and transit surveying and the methods used in the United States public land surveys are thoroughly discussed and the use of the different instruments commonly employed in such work and their adjustments are learned through field work. Maps of the practice surveys are made and the areas thereof computed.

Second Semester. Four Hours.

II.—Mechanics. A study of the problems of mechanics and their applications in certain lines of engineering.

Either Semester. Four Hours.

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

Either Semester. Two Hours.

IV.—Engineering Lettering.

Either Semester. Two Hours.

V.—Descriptive Geometry. Projection of points, lines and planes; intersections of simple geometrical forms; rotation of points, lines and planes; developments.

Either Semester. Two Hours.

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## HOME ECONOMICS

**T**HE COURSES offered by the Department of Home Economics are designed to serve two purposes:

(1) To offer a four-year course to those who wish to specialize in Home Economics, and

(2) To offer elective courses, to all young ladies of the college, as part of their general college training.

The work is divided into two specific lines:

**Domestic Science**, which embraces a study of foods, from both practical and scientific viewpoints; the construction and equipment of a house, sanitation and hygiene, home nursing and all the various problems of household management.

**Domestic Art** includes the study of textiles, the selection of materials for house furnishings and garments, the methods of their manufacture and economy in buying. Skill in hand and machine sewing, in drafting and using patterns. Simple, sanitary, and artistic housefurnishing and decoration.

High School or Academy Physiology is a pre-requisite to the work in Domestic Science, and entrance requirements for the above course are the same as for the Scientific Course.

Students will provide themselves with at least two white aprons large enough to cover both waist and skirt, plain in style and button fastening, also two small towels and one washable holder, which will button onto apron at the side.

#### Domestic Science I.

Study of the five fundamental food principles, the physiological uses of various foods, the changes brought about by cooking, and the preparation of simple dishes. The caloric and dietetic value of food is considered and well balanced meals are planned, prepared, and served. Marketing expeditions and visits to food factories are made. Four laboratory hours and one recitation.

Both Semesters. Three Hours.

#### Domestic Science II.

Continuation of D. S. I., taking up more advanced cookery. Applying the principles of chemistry to cooking and cleaning. Special consideration is given to the adjustment of the quality and quantity of food to meet the varying demands of age, occupation, etc. The care of the sick in the home, antidotes for poisons, symptoms of children's diseases, and invalid cookery. Two laboratory hours and one recitation.

Both Semesters. Two Hours.

#### Domestic Science III.

The site, surroundings and construction of a house, systems of lighting, heating, plumbing, and ventilating. The hygienic care of entire house. Two laboratory hours and one recitation.

Both Semesters. Two Hours.

### Domestic Science IV.

Advanced Cookery. Study of household administration, as the apportioning of the income, the economic relations of the household. Some of the characteristics and requirements of childhood.  
Both Semesters. Credit to be determined.

### Domestic Art I.

Hand sewing as applied in household and personal articles, the history of sewing implements, the construction and care of sewing machines. Textile fibres and their manufacture in cloth. Two laboratory hours and one recitation. Laboratory fee, \$1.00.  
Both Semesters. Two Hours.

### Domestic Art II.

Machine Sewing. Drafting simple patterns and use of sale patterns. Each student buys, cuts, and completes a certain number of garments. Simple embroidery and millinery is taken up. The Hygiene of Clothing, judging the quality of different materials, economy in buying, and appropriate materials for various uses. Laboratory fee, \$1.00.

Both Semesters. Credit to be determined.

### Domestic Art III.

Study of colors and its psychological effect in house decoration and furnishing. The study of furniture, tapestries, and all house-furnishings, from the viewpoint of economy, beauty, and sanitation.  
Both Semesters. Credit to be determined.

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## 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. Three hours of lecture and four hours laboratory per week. Smith's College Chemistry and Laboratory Manual are used as texts.

First Semester. Five Hours.

### II.—Continuation of course I. Six hours laboratory and two lectures per week.

Second Semester. Five Hours.

### III.—Qualitative Analysis. A comprehensive course in qualitative analysis of inorganic salts, and the preparation and purification of organic bodies. Eight hours laboratory and one lecture per week. Baskerville and Curtman is used as text.

First Semester. Five Hours.

- IV.—Continuation of course III. Much attention will be given to the detection of the various fats, carbohydrates, alcohols, adulterations. Eight hours laboratory and one lecture per week.  
Second Semester. Five Hours.
- V.—Quantitative Analysis. Gravometric analysis. The separation and detection of metallic and acid radicals, water of crystallization, etc., and the quantitative determination of the same. Newth's Chemical Analysis is used as text. Ten hours laboratory work,  
First Semester. Five Hours.
- VI.—Quantitative Analysis. Volumetric. This course is a study of the preparation of standard solutions and their use in Volumetric Analysis. One lecture per week and eight hours laboratory work.  
Second Semester. Five Hours.
- VII.—Organic Chemistry. This course comprises a brief study of the more important groups of carbon compounds. The work will be based on Remsen's Organic Chemistry. Lectures and recitations three hours per week. Pre-requisites: Courses I, II, and III. Course offered in 1915-16.  
First Semester. Three Hours.
- VIII.—Chemistry of Foods. This course is designed for students in the Home Economics Department, and is required of all for completion of that course. Consideration is given to the more important classes of food products, and the changes undergone by many of them in cooking. Special tests are also introduced for the detection of preservatives and adulterations used in foods. Pre-requisites: Courses I, II, and III.  
Second Semester. Two Hours.

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## 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 classifications. Lectures, recitations, and laboratory work. Reference books: Parker and Haswell, Jordan and Kellogg, Kingsley. Offered in 1913-14.  
First Semester. Four Hours.
- II.—Zoology. A continuation of Course I. The vertebrate forms will be the basis of study.  
Second Semester. Four Hours.
- III.—Botany. Courses open to those of College grade. Includes lectures, recitations, and laboratory work, in which characteristic



types of Thallophytes and Bryophytes will be studied. Problems for original investigation will be given to those pupils qualified to undertake such work. Offered in 1914-15.

First Semester. Four Hours.

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 physiology and development of plants.

Second Semester. Four Hours.

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.

First Semester. Four Hours.

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 book: Stirling's Histology.

Second Semester. Five Hours.

**Equipment.**—The College 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 horticultural experiment station of Oriental and European bulbs and flowers. The park is located just north of the College campus.

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.

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## PHYSICS

**General Physics.** Three hours per week are spent in recitations and lectures. "Physics for Colleges," by Carhart, is the text 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 Guthhe.

Five hours throughout the year.

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## GEOLOGY

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

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

**Equipment.**—The department occupies three 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 smokestack, affords immunity from disagreeable and noxious gases. The apparatus is carefully selected and varied.

# The Academy

# Whitworth Academy

**T**HIS 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.

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## ADVANTAGES

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

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

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## REQUIREMENTS FOR ADMISSION

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

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

Third.—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.

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

Courses are offered leading up to the 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 79. Accordingly, a student must, in the four years, receive credits for 73 units, beside 4 Bible credits, and 2 Physical Culture credits, making a total of 79 credits in all.

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

## SYNOPSIS OF ACADEMIC COURSES

CLASSICAL. FIRST YEAR.	LATIN-CLASSICAL. FIRST YEAR.	SCIENTIFIC. FIRST YEAR.
Latin ----- 5	Latin ----- 5	Latin ----- 5
English ----- 5	English ----- 5	English ----- 5
Ancient History --- 4	Ancient History --- 4	Ancient History --- 4
Algebra ----- 5	Algebra ----- 5	Algebra ----- 5
Bible ----- 1	Bible ----- 1	Bible ----- 1
Total ----- 20	Total ----- 20	Total ----- 20
SECOND YEAR.	SECOND YEAR.	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.	THIRD YEAR.	THIRD YEAR.
Latin ----- 5	Latin ----- 5	Chemistry or Botany 5
Greek ----- 5	German or French. 5	German or French. 5
Algebra and Geom- etry ----- 5	Algebra and Geom- etry ----- 5	Algebra and Geom- etry ----- 5
English ----- 4	English ----- 4	English ----- 4
Bible ----- 1	Bible ----- 1	Bible ----- 1
Total ----- 20	Total ----- 20	Total ----- 20
FOURTH YEAR.	FOURTH YEAR.	FOURTH YEAR.
Am. Hist. and Civics or English History 4	Am. Hist. and Civics or English History 4	Am. Hist. and Civics or English History 4
Latin or Greek ----- 4	Latin, German, or French ----- 4	German or French. 4
English ----- 4	English ----- 4	English ----- 4
Physics ----- 5	Physics ----- 5	Physics ----- 5
Bible ----- 1	Bible ----- 1	Bible ----- 1
Total ----- 18	Total ----- 18	Total ----- 18

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

### COURSES OF STUDY BRIEFLY EXPLAINED BIBLE.

The exclusion of the Bible from the public schools, and the brevity and desultory methods of ordinary Sabbath Schools, send to college preparatory grades many pupils very ignorant of Biblical literature. 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 Bible itself is the text-book. Students will be expected to provide themselves with a copy of the American Revised Version with References. 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. Course outlined under College Courses, page 27.

The Bible classes of the Academy are especially devoted to the study of Hebrew history as contained in the Bible. This is conducted by the professor of history in the same method and ways that other history classes are conducted. We maintain that Hebrew history is certainly as important as Greek, Roman, or any other ancient history. We believe that the Hebrew nation has sent down as great and vital influences into the civilization of the present day as any nation that ever existed. Hebrew literature, Hebrew ideals, Hebrew thought, have molded the life and civilization of this country in excess even of the Roman. Accordingly we give Hebrew history its place in the curriculum of the Academy, studying it with the Bible as a text book, and giving it four credits, one credit for each year. That is accompanied by note book work and regular examinations. It is no Sunday School class, nor what is commonly denominated as a "soft snap." Every student that gets a credit in this subject earns it, and every student is required to take this subject.

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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 analyze 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.

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### LATIN

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

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### GREEK

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

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

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### 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.

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.

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.

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

Third Year. Four Hours.

IV.—Masterpieces. College Preparatory Reading for 1912-13, completed. Special study of the essay and oration. Outline work and rhetoricals.

Fourth Year. Four Hours.

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## GERMAN

I.—Bacon's German Grammar and Reader, followed by one or two easy stories, forms the basis of a course which gives a good foundation in grammar, reading, and conversation. German is used largely from the beginning and special emphasis is laid on careful pronunciation and the frequent use of simple idioms.

Five Hours.

II.—Bernhardt's German Prose Composition gives careful grammar review and furnishes material for translation from English to German. *Im Vaterland* is used for reading in German, both sight and prepared, and for conversation, while more advanced grammar is taught by reference to standard texts. *Immensee* and *Wilhelm Tell*, carefully translated and interpreted, furnish preparation for more advanced classical reading and enlist the interest of the student in German Literature. German used freely in class.

Four Hours.

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## FRENCH

I.—Thorough foundation work in pronunciation, simple conversation, and grammar are emphasized in this course. Special method used for French verbs. Chardenal's Complete French Course is accompanied by one hundred and fifty or more pages of

suitable reading. Selection will be made from well known collections of folk lore and fairy tales and standard classics.

Four Hours.

II.—Grammar and syntax continued in Fraser & Squair's grammar, and in Prose Book. Translation of fifty or more pages of intermediate English into French, and reading of two hundred and fifty or more pages of classics selected from such texts as Colomba, Sans Famille, La Poudre aux Yeux, La Mare au Diable, Readings from French History. Une Semaine a' Paris is used for sight and prepared reading and for conversation.

Four Hours.

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## 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.

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## MATHEMATICS

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

Five Hours.

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

Five Hours.

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## 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 of 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.

## 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.

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## PHYSIOLOGY

A course in general physiology and hygiene, with laboratory.  
Five Hours.

A course in general physiology and hygiene, without laboratory.  
Second Semester. Five Hours.

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## BOTANY

A study of plants as living organisms.

Third Year. Five Hours.

# School of Music

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.

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## 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 performances, and the many possibilities in ensemble or concerto 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 interest 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. Meritorious programmes may be attended by music pupils, in company with departmental teachers, thus extending and liberalizing their knowledge of music.

During the past year the students have had the privilege of hearing such artists as Rudolph Ganz, Riccardo, Martin, Leopold Godowski, Mischer Elman, Johanna Gadski and Arthur Hartmann.

### COURSES OFFERED

Four courses of study are now offered: Voice Culture, Pianoforte, Violin, and Guitar and Mandolin. These courses are briefly outlined below.

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#### PIANOFORTE

Students must be familiar with the underlying principles of music—correct phrasing, staccato and legato touch, rhythm, the ordinary signs used in music and their application, before beginning Course I.

##### Course I.

An Introductory Course is arranged for students requiring it.

##### Course II.

Scales and arpeggios in various forms; technical studies for the development of touch and wrist action; studies, sonatas, and the easier sonatas by Czerny, Heller, Clementi, Kuhlau, Bach, and others.

##### Course III.

Study of scales and arpeggios continued; etudes, studies, and sonatas by Cramer, Mozart, Bach, Grieg, Mendelssohn, Heller, or equivalents.

##### Course IV.

Scales and arpeggios; Doring octave studies; preludes and fugues by Bach and Mendelssohn; Beethoven sonatas; Mozart concertos; selections from Grieg, Chopin, Schumann and other classic composers.

No student can finish Course IV. without a sufficient knowledge of technique to interpret the best pianoforte music with intelligence. In this course are included sonatas and concertos by Brahms, Beethoven, Grieg and Mendelssohn.

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#### 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.

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### 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.

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### 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.

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### 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.

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### ORGAN

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

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### 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, 1. Theory, 1.

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.-II., 4; French, 4.

SENIOR YEAR.—Piano IV. Theory IV. History II.

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#### 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.

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.

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 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) Lectures upon Sound by the Science Department.
- (7) Membership in Glee Club.

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-prepared 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.

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## 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 Beiro, Beethoven, Mendelssohn, etc.

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#### MANDOLIN, GUITAR AND BANJO

Satisfactory arrangement will be made for all students requesting instruction in any of these named subjects.

# Department of Art

## HOME DECORATION.

This course is arranged to meet the requirements of persons who wish to become familiar with the fundamental principles of color and form, and who wish to study furniture and decorations as they are related to good taste in modern homes. This course is required of all students graduating from the Home Economics Course. Two years, four hours a week, will be the required time, and four credits toward graduation allowed.

The course will include: Freehand drawing, for the principles of appearance in rooms; still life in water colors; theory and practice of design and color as they apply to ceiling, side walls, rugs, wall corners, furniture and lesser articles; art history, dealing with decorative necessities and the period styles as they were developed and as they should be used today; treatment of type rooms for location, exposure, surroundings, and personality; discussions and practical investigations of actual problems as to cost and possibility in material.

## PAINTING.

The work is in oil or water color. Still life, flowers, fruits, vegetables, pottery, landscapes, etc., special attention being paid to the composition of the group to be painted and to its color harmony.

## HANDICRAFT.

The present craft movement is a revival of interest in hand-made products for personal and household use. As a preparation for such work, there is a growing demand throughout the country for competent instruction in design and technique.

## METAL COURSE.

Designing and making useful and ornamental objects in brass and copper. This course includes articles in beaten metals, as ferneries, lamps, shades, trays, bowls, candlesticks, desk sets, etc.

### BASKETRY.

The course in Basketry includes designing and making types of baskets suited for use in the studio and home. The work is with reeds, raffia, and other materials.

### LEATHER WORK.

The course in Leather Work will include tooling, cutting and stamping, illuminating, and making-up of articles. The list of problems makes individual selection possible—card cases, desk sets, table mats, book covers, bags of many kinds, belts, purses, book-rack ends, etc.

### STENCILING.

Stenciling has a variety of applications to wall decorations and textiles. It is a craft which requires only a small equipment, and is simple in technique. The course in Stenciling will consist of the designing and the cutting of stencils in borders and all-over patterns in one and several colors, applied in a variety of materials, to runners, table covers, portieres, screens, cushions, covers, etc. Accents of couching and embroidery will be employed.

### CERAMIC DECORATION.

The application of design to china, the use of tools and appliances. In the designs, simplicity of form and character in line and mass are requisites insisted upon. Lessons in both naturalistic and conventional.

# Alumni

## OFFICERS OF THE ALUMNI ASSOCIATION

President.....Jessie K. LaWall, '09  
Vice-President.....Sidney E. Whitworth, '11  
Secretary.....Agnes Streeter, '07  
Treasurer.....Mrs. William B. Platt, '09

### 1896

Frank C. Blackburn, A. B. ....D. D. S. Baltimore Dental College  
Dentist, Shelbyville, Ind.  
Albert C. Stewart, A. B. ....M. D. University of Bellevue, 1902  
Physician, Sedro-Woolley, Wash.  
Calvin W. Stewart, A. B. ....Real Estate, Tacoma, Wash.  
Sarah C. Stewart, A. B. ....4305 No. 42nd St., Tacoma, Wash.  
Fred. W. Whitworth, A. B. ....Lawyer, San Francisco, Cal.  
Robert Montgomery, B. S. ....Editor, Puyallup, Wash.

### 1898

\*Rev. William Davies, A. B. ....  
Harold R. Gould, B. S. ....Mining Engineer, Howkan, Alaska

### 1902

Ward B. Van Vechten, B. S. ....M. D., University of Oregon, '02  
Physician, Tacoma, Wash.  
Mary Anna Hickman, A. B. (Mrs. Alvin Miller).....  
4522 6th Ave. N. E., Seattle, Wash.

### 1904

Dorcas Elmira Clark, A. B. ....Everett, Wash.  
Ethel Mary Kirkpatrick, A. B. (Mrs. William Woods Glenn).....  
Prosser, Wash.  
Tilga Eugenie Phillips, A. B. ....  
Society Editor The Ledger, Tacoma, Wash.  
Ida Grace Sharp, A. B. ....Teacher, High School, Centralia, Wash.

### 1905

Dosu Doseff, B. S. ....M. D. Rush Medical College, 1911  
Physician, N. E. cor. Halsted and Adams St., Chicago, Ill.  
Ruth Dunbar, A. B. ....Reporter, Seattle Daily Times, Seattle, Wash.  
Agnes Dora Mulkey, A. B. ....M. A. University of Chicago, '06  
Teacher, Lincoln High School, Seattle, Wash.  
Lillian Gurine Stevenson, A. B. ....M. D. John Hopkins, 1910  
Infirmary for Women and Children, New York City.

### 1906

Civilla Stowe Dennis, B. S. (Mrs. Otis Chabot), Pacific Beach, Wash.  
Frederic Dan Metzger, A. B. ....B. A. Oxford, 1911  
Attorney-at-Law, Perkins Bldg., Tacoma, Wash.  
Anna Sander, B. S. ....Ellensburg, Wash.  
William Edward Lauder, B. S. ....Merchant, Coeur d'Alene, Idaho  
Leila Frances Shaffer, A. B. ....Teacher, High School, Waterville, Wash.

### 1907

John Willoughby Crandall, A. B. ....LL. B. Columbia University, 1911  
Attorney-at-Law, Broadway, New York City  
Harriet Evron Fraser, A. B. ....Teacher, Tacoma Public Schools  
Sara Anna Ghormley, Ph. B. (Mrs. James Urquhart), Chehalis, Wash.

Susie Emily Garretson, B. S. (Mrs. R. Holden Richards), Vancouver, B. C.  
 George Elmore McMaster, B. S. -----  
 -----McMaster's Photo Supply Co., Tacoma, Wash.  
 Anna McMaster, A. B. (Mrs. Warren Fusselman)-----  
 -----Oldenbury Apartments, Seattle, Wash.  
 William John McCauley, B. S. -----M. D. University of Michigan, 1912  
 Ellensburg, Wash.  
 Carl Jay Norton, Ph. B. -----Horticulturist, Toppenish, Wash.  
 George Rossman, B. S.-----LL. B. University of Chicago, 1910  
 Attorney-at-Law, 630 Chamber of Commerce, Portland  
 Charles Rutherford Rodman, A. B. -----  
 -----A. M. Princeton Theological Seminary  
 Clergyman, Rolling Bay, Wash.  
 Agnes Streeter, A. B., -----Teacher, Puyallup, Wash.  
 2618 No. Puget Sound Ave., Tacoma, Wash.

## 1908

†  
 Andora Cox, A. B. -----Teacher, High School, Puyallup, Wash.  
 507 No. 1 St., Tacoma, Wash.  
 Olga Johnson, A. B. -----Dash Point, Wash.  
 Ralph Ayers, A. B. -----B. D. Allegheny Theological Seminary, 1911  
 Missionary, American Mission, Sialkot, India  
 Fitch Laurente Phipps, A. B.-----LL. B. University of Oregon, 1911  
 -----Student Columbia University, 1911-12  
 Attorney-at-Law, 919 Chamber of Commerce, Portland, Ore.  
 Percy Fred Colbert, B. S., Athletic Coach, High School, Olympia, Wash.  
 Hoyao Oline, B. S. -----Teacher, Tokio, Japan

## 1909

Mary Cox, A. B. -----Principal High School, Enumclaw, Wash.  
 507 No. 1 St., Tacoma, Wash.  
 Mary Frances Beaven, Ph. B. (Mrs. William B. Platt)-----  
 -----St. Francis Apartments, Portland, Ore.  
 Richard C. Doud, B. S. -----  
 Laetitia Clark, A. B. (Mrs. Frederick Lawrence)-----  
 -----3011 No. 22nd St., Tacoma, Wash.  
 Kenneth Irwin Ghormley, A. B., Student University California, 1910-12  
 Teacher, Whitworth College, Tacoma, Wash.  
 David John Guy, B. S., B. S. Massachusetts Institute of Technology, 1912  
 Engineer, Stone-Webster Co., Fresno, Cal.  
 Palmer Kennedy, A. B. -----Student Columbia University, 1910  
 -----LL. B. University of Washington, 1912  
 Attorney-at-Law, Fidelity Bldg., Tacoma, Wash.  
 Jessie Katherine La Wall, A. B. -----  
 -----Teacher, Whitworth College, Tacoma, Wash.  
 William Lewis Paul, A. B.-----  
 -----Student San Francisco Theological Seminary, 1910-1911  
 355 Mills Bldg., San Francisco, Cal.  
 Pearl M. Robbins, B. S. (Mrs. Whiting Mitchell)-----Sumner, Wash.  
 Gertrude Rolleston, Ph. B. (Mrs. Richard Doud)-----  
 -----No. 30th and Mason, Tacoma, Wash.  
 Raphael S. Towne, B. S. -----Auburn Theological Seminary, 1912  
 Clergyman, Sifters, Ore.  
 Joseph Turner, Ph. B.-----M. D. Johns Hopkins, 1913  
 Baltimore, Md.  
 Edith Cavill Ware, Ph. B. -----Librarian, Spokane, Wash.  
 Margareta E. Willert, A. B.-----Teacher, High School, Aberdeen, Wash.

## 1910

- Monroe Green Everett, A. B. Student McCormick Theological Seminary  
Chicago, Ill.
- Helma Rachel Hunter, A. B. Teacher
- Frances H. Lackey, A. B. (Mrs. William Paul) San Francisco, Cal.
- Henry Longstreth, Jr., B. S. Younglove Grocery Co., Tacoma, Wash.
- Madge Stockton Phelps, Ph. B. Teacher, Edison, Wash.
- Grace Holden Redman, Ph. B. Teacher, Tacoma Public Schools  
1020 So. State St., Tacoma, Wash.
- Mildred Smith, B. S. Teacher, Ashford, Wash.  
3319 No. 29th St., Tacoma, Wash.
- Mary Genevieve Wilcox, Ph. B. Teacher, Mt. Vernon, Wash.  
No. 11th and M Sts., Tacoma, Wash.

## 1911

- Seamore A. Crandall, B. S. Assayer, 310 So. 35th St., Tacoma
- Alma Clair Lesh, A. B. (Mrs. J. Walker Moren), North Yakima, Wash.
- Bertha R. McCallum, A. B. Teacher, Ashford, Wash.
- Carmen B. Mahlum, A. B. Portland, Ore.
- Genevieve Martin, B. S. Teacher, Rathdrum, Idaho  
4122 No. Cheyenne, Tacoma, Wash.
- Lula Una Martin, B. S. Teacher, Newport, Wash.  
4122 No. Cheyenne, Tacoma, Wash.
- Maude Scott, A. B. (Mrs. Ira B. Hartman)
- Mary Smith, A. B. Teacher, Marysville, Wash.
- Sidney E. Whitworth, B. S., Principal Union High School, Vaughn, Wash.

## 1912

- Lillian Annette Allen, B. S. Teacher High School, Puyallup, Wash.
- Emilie Arntson, A. B. Teacher, Alpha, Wash.  
3802 No. 36th St., Tacoma, Wash.
- Sarah Regina Crandall, A. B. (Mrs. Frank E. Day)  
212 So. 32nd St., Tacoma, Wash.
- Anna Maude Daub, A. B. (Mrs. DeWitt Lee)  
1256 West St., Topeka, Kansas
- Robert Lincoln Kinkade, A. B. Teacher, Gray River, Wash.  
Enumclaw, Wash.
- Lillian H. Nicholson, A. B. Fern Hill, Wash.
- Seiro Shibagaki, B. S. Japanese M. E. Mission, Tacoma, Wash.
- Sigurd A. Wold, B. S. Principal High School, Pullman, Wash.

# Roll of Students

## COLLEGE

### SENIORS.

Baldwin, Viva Claire	Couer d'Alene, Idaho
Bililings, Oscar Harold	Harrington, Wash.
Johnson, David Hjalmar	Tacoma, Wash.
Longstreth, Margaret	Tacoma, Wash.
Matheson, Flora M.	Anacortes, Wash.
Matsuoka, Shigezo	Tacoma, Wash.
Spinning, Hazel Iris	Sumner, Wash.
*Spinning, Ruth C.	Sumner, Wash.

### JUNIORS.

Corey, Ruth Anna	Tacoma, Wash.
Douglas, Clinton R.	Seattle, Wash.
Ghormley, Ralph	Tacoma, Wash.
Gunn, Arthur, Jr.	Wenatchee, Wash.
Johnson, Victor H.	Raymond, Wash.
Lee, Bertha Fortmiller	Tacoma, Wash.
Murdock, Malcolm Armour	Long Beach, Wash.
Nicholson, Mary H.	Fern Hill, Wash.
*Parker, Charles M.	Puyallup, Wash.
*Pike, Norman Charles	Ridgefield, Wash.
Wakefield, Frances Gertrude	Bellingham, Wash.
Williams, Augustus N.	Rushville, Ind.

### SOPHOMORES.

Amerman, Bertha Estella	Tacoma, Wash.
*Burmeister, Henrietta	Tacoma, Wash.
Campbell, Eleanor	Seattle, Wash.
Campbell, Mary Cross	Seattle, Wash.
Gunn, Mary	Wenatchee, Wash.
Hoke, George Earl	Tacoma, Wash.
Hoke, Samuel Andrew	Tacoma, Wash.
*Hoska, Ella Mary	Tacoma, Wash.
Howard, Charles Otis	Clarkston, Wash.
Landis, Ora Irene	Spokane, Wash.
Lawrence, Pansie Grace	Tacoma, Wash.
Lee, Ruth	Seattle, Wash.
McLellan, Roy Davison	Vancouver, B. C.
Pierson, Jeanne Frances	Farmington, Wash.
Rambo, Florence Maude	Everett, Wash.
Thomas, Millard P.	Sacramento, Calif.
Thompson, Noel F.	North Yakima, Wash.
Tunnard, Frances Isabel	Tacoma, Wash.

\*Incomplete.

### FRESHMEN.

Abel, Grace Anna	Tacoma, Wash.
Bacher, Vernon Alfred	Charleston, Wash.
Billings, Edna Beatrice	Harrington, Wash.
Bixler, Iva Loraine	Cashmere, Wash.
Calhoun, Helen	Seattle, Wash.

Campbell, Lois	-----	Seattle, Wash.
Campbell, Ruth	-----	Puyallup, Wash.
Clark, Wilma	-----	Buckley, Wash.
Davis, Gertrude	-----	Chinook, Wash.
Dobbs, Ruth	-----	Tacoma, Wash.
Donald, Piercie	-----	Tacoma, Wash.
Foster, Doris Adelaide	-----	Tacoma, Wash.
French, Aileen	-----	Elma, Wash.
George, Gladys Ellen	-----	Tacoma, Wash.
Grinnell, Emma	-----	Tacoma, Wash.
Gunn, Thomas R.	-----	Wenatchee, Wash.
Hermans, Mildred May	-----	Chehalis, Wash.
Hunter, William Armstrong	-----	Couer d'Alene, Idaho
Jamieson, Lydia May	-----	Tacoma, Wash.
Longstreth, Gerald	-----	Tacoma, Wash.
Loughlen, Iva Belle	-----	Puyallup, Wash.
Lowman, Ella B.	-----	Anacortes, Wash.
McArthur, William Dougall	-----	Entiat, Wash.
Moore, Lulu	-----	Victoria, B. C.
Moore, Martha Olive	-----	Victoria, B. C.
Morgan, Grace Marguerite	-----	Oak Harbor, Wash.
Pierson, Laura Lucile	-----	Farmington, Wash.
Platt, Annie C.	-----	Seattle, Wash.
Price, Lelia C. V.	-----	Tacoma, Wash.
Robinson, Estella E.	-----	Tacoma, Wash.
Robinson, James William	-----	San Domingo, Cuba
Sanders, Eula May	-----	Charleston, Wash.
Saunders, Lena	-----	Pocahontas, Virginia
Schnebly, Edith Helen	-----	Ellensburg, Wash.
Smith, Eugene	-----	Tacoma, Wash.
*Stuart, Charles F.	-----	South Bend, Wash.
Takaku, George	-----	Tacoma, Wash.
Tanner, Minnie Cornelia	-----	Spokane, Wash.
Veltum, Janet Arloine	-----	Tacoma, Wash.
Wait, Wallace	-----	Puyallup, Wash.
Walmsley, Robert Alfred	-----	Vancouver, B. C.
Weisbach, Arthur H.	-----	Tacoma, Wash.
Whipple, Gladys L.	-----	Portland, Oregon

Incomplete.

## ACADEMY

### FOURTH YEAR

Clark, Virginia Caroline	-----	Wrangell, Alaska
Davis, Kathleen	-----	Chinook, Wash.
Douglas, George	-----	Seattle, Wash.
*Easton, Amy	-----	Bellingham, Wash.
Parker, George B.	-----	Tacoma, Wash.
Talbot, Henry Head	-----	Tacoma, Wash.
Ware, Charles Edward	-----	Zillah, Wash.

### THIRD YEAR

Arntson, John W.	-----	Tacoma, Wash.
Bennatts, Marguerite	-----	Tacoma, Wash.



Benson, Harold C. ....	Vancouver, B. C.
Doble, Oscar W. ....	Irrigon, Oregon
Harwood, Edward P. ....	Cordova, Alaska
Hassett, Daisy M. ....	Seattle, Wash.
Hayden, Alice L. ....	Auburn, Wash.
Hicks, Elizabeth Viola .....	South Bend, Wash.
Hill, George I. ....	Tacoma, Wash.
Long, Joseph Leo .....	Tacoma, Wash.
McKenzie, Jean Alice .....	Tacoma, Wash.
Nelson, Adilene R. ....	Friday Harbor, Wash.
Patrick, Nellie .....	Tacoma, Wash.
Turner, Nathaniel Albert .....	Tacoma, Wash.
Watkins, Alva Leland .....	Tacoma, Wash.
Walker, Floy Ellen .....	Tacoma, Wash.

## SECOND YEAR

Davis, Ruth Malvina .....	North Yakima, Wash.
Druse, Mildred S. ....	North Yakima, Wash.
Lee, Helen R. ....	Tacoma, Wash.
McCance, Edna .....	St. John, Wash.
McEachern, Marion Helen .....	Couer d'Alene, Idaho
Mesler, Burgon Dickerson .....	Ashford, Wash.
Ozaki, Myotaro .....	Mieken, Japan
Pickett, Clayton H. ....	Cashmere, Wash.
Sylvester, George R. ....	Wrangell, Alaska
Thoman, Gladys .....	Cle Elum, Wash.
Warburton, S. Maude .....	Tacoma, Wash.

\*Incomplete.

## FIRST YEAR

Allardyce, Frances .....	Winnipeg, Canada
Beltz, Edward .....	Tacoma, Wash.
Chalmers, Louise .....	Tacoma, Wash.
Freeborn, Marion .....	Tacoma, Wash.
Gunn, Marjory .....	Tacoma, Wash.
Hicks, Bigye .....	South Bend, Wash.
Longstreth, Evelyn .....	Tacoma, Wash.
Moore, Idelle .....	Victoria, B. C.
Morrison, Charlotte .....	Marysville, Wash.
Preece, Selena .....	Ellensburg, Wash.
Reed, Adelle .....	Tacoma, Wash.
Riddle, Margaret .....	Tacoma, Wash.
Sylvester, Ann .....	Wrangell, Alaska
Taylor, William .....	Wrangell, Alaska
Yamamoto, Paul .....	Seattle, Wash.

## SCHOOL OF MUSIC

## PIANO

Allardyce, Frances .....	Winnipeg, Canada
Baptist, Vivian .....	Tacoma, Wash.
Campbell, Lois .....	Seattle, Wash.
Clarke, Virginia Caroline .....	Wrangell, Alaska
Davidson, Lillian .....	Tacoma, Wash.

Davis, Gertrude	Chinook, Wash.
Davis, Ruth	North Yakima, Wash.
Edwards, Helen	Tacoma, Wash.
Edwards, Marcia	Tacoma, Wash.
Freeborn, Marion	Tacoma, Wash.
French, Aileen	Elma, Wash.
Greig, Marjorie	Tacoma, Wash.
Grinnell, Emma	Tacoma, Wash.
Hutchinson, Muriel	Tacoma, Wash.
Kreider, Grace	Sumner, Wash.
Lee, Bertha Fortmiller	Tacoma, Wash.
Longstreth, Evelyn	Tacoma, Wash.
McConville, Susie	Lapwai, Idaho
McEachern, Marion	Couer d'Alene, Idaho
McKay, Hazel Grace	Tacoma, Wash.
McReavy, Cecilia	Tacoma, Wash.
Moore, Idelle	Victoria, B. C.
Moore, Lula	Victoria, B. C.
Moore, Martha Olive	Victoria, B. C.
Morrison, Charlotte	Marysville, Wash.
Pierson, Jeanne Frances	Farmington, Wash.
Pierson, Laura Lucile	Farmington, Wash.
Phillips, Helen	Tacoma, Wash.
Phillips, Lina	Tacoma, Wash.
Preece, Selena	Ellensburg, Wash.
Saunders, Lena	Pocahontas, Wash.
Thoman, Gladys	Cle Elum, Wash.
Tunnard, Gertrude	Tacoma, Wash.
Veltum, Janet Arloine	Tacoma, Wash.
Wills, Erna	Seattle, Wash.

## VOICE.

Allardyce, Frances	Winnipeg, Canada
Bixler, Iva Loraine	Cashmere, Wash.
Clarke, Virginia Caroline	Wrangell, Alaska
Easton, Amy	Bellingham, Wash.
Lowman, Ella Baer	Anacortes, Wash.
McKay, Hazel Grace	Tacoma, Wash.
Moore, Lulu	Victoria, B. C.
Moore, Martha Olive	Victoria, B. C.
Patrick, Nellie	Tacoma, Wash.
Paulhamus, Alice Noyes	Sumner, Wash.
Veltum, Janet Arloine	Tacoma, Wash.
Wills, Erna	Seattle, Wash.

## VIOLIN.

Abel, Grace A.	Tacoma, Wash.
Pierson, Jeanne Frances	Farmington, Wash.
Prosser, Eunice	Vancouver, B. C.

## ART SCHOOL

Abel, Grace A.	Tacoma, Wash.
Bennatts, Marguerite	Tacoma, Wash.
Calhoun, Helen	Seattle, Wash.
French, Aileen Elizabeth	Elma, Wash.
George, Gladys Ellen	Tacoma, Wash.

Lowman, Ella Baer .....	Anacortes, Wash.
Pederson, Rubie J. C. ....	Parkland, Wash.
Pierson, Jeanne Frances .....	Farmington, Wash.

## ORATORY.

Acheson, Marta May .....	Tacoma, Wash.
Brown, Helen .....	Tacoma, Wash.
Clarke, Virginia Caroline .....	Wrangell, Alaska
Hicks, Bigye .....	South Bend, Wash.
Murdock, Malcolm Armour .....	Long Beach, Wash.
Parker, Charles M. ....	Puyallup, Wash.
Pierson, Laura Lucile .....	Farmington, Wash.

## SUMMARY OF ENROLLMENT

<b>College—</b>		
Seniors .....	8	
Juniors .....	12	
Sophomores .....	18	
Freshmen .....	43	
	—	81
<b>Academy—</b>		
Fourth Year .....	7	
Third Year .....	16	
Second Year .....	11	
First Year .....	15	
	—	49
<b>School of Music—</b>		
Piano .....	35	
Voice .....	12	
Violin .....	3	
	—	50
<b>Art School .....</b>		8
<b>Oratory .....</b>		7
		—
<b>Total .....</b>		195
<b>Deduct for names repeated .....</b>		45
		—
<b>Net Total .....</b>		150