

CATALOGUE

OF

Buchtel College

AKRON, OHIO.



=1893=

CATALOGUE
OF
BUCHTEL COLLEGE

AKRON, OHIO.

Collegiate Department.

Preparatory Department.

Normal Department.

1892-93.

“Let There Be Light.”

BUCHTEL COLLEGE

NAMED IN HONOR OF

HON. JOHN R. BUCHTEL.

FOUNDED BY THE

OHIO UNIVERSALIST CONVENTION.

Open alike to students of both sexes, and of all religious opinions, and designed to furnish the highest grade of Classical, Scientific, and Literary Scholarship, under the immediate direction of thorough and experienced teachers.



COLLEGE CALENDAR.

1893.

SPRING TERM.

Saturday, June 3.—Senior Vacation begins.
Saturday, June 17, 8 P. M.—Senior Preparatory Exercises.
Sunday, June 18.—Baccalaureate Sermon.
Monday, June 19, 2 P. M.—Class Day.
Tuesday, June 20, 2 P. M.—Annual Meeting of the Alumni Association.
Tuesday, June 20, 3 P. M.—Address before the Alumni Association.
Tuesday, June 20, 8 P. M.—Alumni Social Reunion.
Wednesday, June 21, 9 A. M.—Examinations for Admission.
Wednesday, June 21.—Annual Meeting of the Board of Trustees.
Wednesday, June 21, 8 P. M.—Ashton Prize Speaking, Junior Class.
Thursday, June 22, 10 A. M.—Annual Address and Graduating Exercises.

FALL TERM.

Tuesday, September 19.—Registration and Entrance Examinations.
Wednesday, September 20.—Instruction begins.
Friday, December 15, 7:30 P. M.—Ashton Prize Speaking, Senior Class.
Thursday, December 21.—Fall Term ends.

1894.

WINTER TERM.

Tuesday, January 2.—Registration and Entrance Examinations.
Wednesday, January 3.—Instruction begins.
Thursday, January 18.—Founder's Day.
Friday, February 9, 7:30 P. M.—Ashton Prize Speaking, Sophomore Class.
Friday, March 2, 7:30 P. M.—Junior Exhibition.
Thursday, March 22.—Winter Term ends.

SPRING TERM.

Tuesday, March 27.—Registration and Entrance Examinations.
Wednesday, March 28.—Instruction begins.
Saturday, June 2.—Senior Vacation begins.
Sunday, June 17, to Thursday, June 21.—Commencement Exercises.
Monday, June 18, 8 P. M.—Ashton Prize Speaking, Junior Class.
Thursday, June 21.—Graduating Exercises.

FALL TERM.

Tuesday, September 18.—Registration and Entrance Examinations.
Wednesday, September 19.—Instruction begins.
Friday, December 14, 7:30 P. M.—Ashton Prize Speaking, Senior Class.
Thursday, December 20.—Fall Term ends.

BOARD OF TRUSTEES.

	Term expires
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OF

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Messenger-Professor of Mental and Moral Philosophy.

506 Buchtel Avenue, (President's House.)

CHARLES M. KNIGHT, A. M.,

Buchtel-Professor of Physics and Chemistry.

219 S. Union Street.

CARL F. KOLBE, A. M., Ph. D.,

Hilton-Professor of Modern Languages.

527 Buchtel Avenue.

WILLIAM D. SHIPMAN, A. M.,

Professor of the Greek Language and Literature,

and Philological Science.

231 S. Union Street.

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Professor of the Latin Language and Literature,*

and Secretary of the Faculty.

East Hall.

E. W. CLAYPOLE, B. A., D. Sc. (Lond.), F. G. SS. L. E. & A.,

Professor of Natural Science.

603 Buchtel Avenue.

HERMAS V. EGBERT, A. M.,

Ainsworth-Professor of Mathematics and Astronomy.

549 Buchtel Avenue.

L. ALONZO BUTTERFIELD, A. M., Ph. D.,

Ryder-Professor of Rhetoric and Oratory.

151 S. Summit Street.

MARGARET G. BRADFORD, B. A.,
Pierce-Professor of English Literature, and Instructor in Logic
and English History.

WILLARD H. VAN ORMAN, B. S.,
Adjunct-Professor of Mathematics.
115 Adams Street.

CHARLES R. GRANT, A. B.,
Instructor in Law.
581 W. Market Street.

CHARLES R. OLIN, B. S.,
Librarian.
503 Spicer Street.

JENNIE GIFFORD, A. M.,
Principal of Preparatory Department, and Teacher of Science.
107 S. Union Street.

SAMUEL FINDLEY, A. M., PH. D.,
Principal of Normal Department.
134 S. Maple Street.

MARY E. STOCKMAN, L. A.,
Teacher of English and Latin.
107 S. Union Street.

MARTHA A. BORTLE,
Teacher of English and Rhetorical Work.
West Hall.

EDWIN L. FINDLEY, A. B.,
Teacher of Greek and Latin.
134 S. Maple Street.

WILLETT L. HARDIN,
Assistant in Chemistry.
538 Buchtel Avenue.

MATTIE E. FIREY,
[Student at Leipzig.]
Teacher of Piano and Theory. (Fall and Winter Terms.)

M. CARYLE SYLLA,
Teacher of Piano and Theory. (Spring Term.)
711 Mill Street.

ALFRED W. COGSWELL,
Teacher of Vocal Music.

GUSTAV SIGEL,
Teacher of Violin, Cello and Zither.
125 Crosby Street.

MINNIE C. FULLER,
Teacher of Painting and Drawing.
147 Crosby Street.

GYMNASIUM OFFICERS.

ALBERT A. KOHLER, A. B., M. D.,
Director and Examiner for Men. (Fall and Winter Terms.)

JOHN W. HEISMAN, LL. B.,
Director. (Spring Term.)

AGNES M. CLAYPOLE, PH. B.,
Instructor for Women.

KATHARINE KURT, M. D.,
Examiner for Women.

ALBERT HOOVER, M. D.,
Oculist.

ENDOWMENTS.

Messenger Professorship.

The Messenger Professorship of Mental and Moral Philosophy was endowed by Mrs. Lydia A. E. Messenger, of Akron, in memory of her deceased husband, Rev. George Messenger.

Hilton Professorship.

The Hilton Professorship of Modern Languages was endowed by John H. Hilton, of Akron.

Pierce Professorship.

The Pierce Professorship of English Literature was endowed by Mrs. Chloe Pierce, of Sharpsville, Pa.

Buchtel Professorship.

The Buchtel Professorship of Physics and Chemistry was endowed by Mrs. Elizabeth Buchtel, of Akron.

Ainsworth Professorship.

The Ainsworth Professorship of Mathematics and Astronomy, was endowed by Henry Ainsworth, of Lodi.

Ryder Professorship.

The Ryder Professorship of Rhetoric and Oratory was established by the Board of Trustees in memory of Dr. William H. Ryder, of Chicago.

Messenger Fund.

The Messenger Fund was created by Mrs. Lydia A. E. Messenger, of Akron. The fund consists of \$30,000.

Isaac and Lovina Kelly Fund.

The Isaac and Lovina Kelly Fund was created by Isaac Kelly, of Mill Village, Pa. This fund consists of \$35,788.

PERPETUAL SCHOLARSHIPS.

Fifty perpetual scholarships of \$1,000 each have been established by the following donors:

*Miss E. V. Steadman	Marietta.
*James Pierce	Sharpsville, Pa.
*Elijah Drury	Girard, Pa.
Mrs. Mary C. Martin.....	Hamilton.
*James F. Davidson	Brimfield.
*†Miss Betsy Thomas.....	Irwin.
*John Perdue.....	Lafayette, Ind.
*Eli M. Kennedy.....	Higginsville, Mo.
John K. Smith	Ravenna.
N. S. Olin.....	Streetsboro.
*John B. Smith.....	Urbana.
*Mrs. Candia Palmer.....	Painesville.
*George W. Steele.....	Painesville.
*Mrs. George W. Steele	Painesville.
Mrs. Betsy Dodge.....	McConnellsville.
Brice Hilton.....	Defiance.
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*John Espy	Kenton.
*Joseph Hidy, Sr.....	Jeffersonville.
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*E. F. Loudenback.....	Westville.
*H. D. Loudenback.....	Westville.
*Thomas Kirby.....	Muncie, Ind.
*Isaac and Lovina Kelly.....	Mill Village, Pa.
S. T. and S. A. Moon	Cuba.
*George Thomas	Greenwich.
Mrs. E. W. Terrill	Jeffersonville.
*Mrs. John H. Hilton	Akron.
‡Mrs. Charlotte Robson	Newport, Ky.
*Samuel Birdsell	Peru.
*Samuel Grandin	Tidioute, Pa.
N. B. and A. E. Johnson.....	Mingo.
*Lloyd Nichols.....	Walhounding.
*Henry Ainsworth (10)	Lodi.
Lydia A. Drake	Norwood.
Miss Anna A. Johnson.....	Bay City, Mich.
Mr. and Mrs. John Miller	Edgerton.
John P. Chapin	New Philadelphia.
Christian Swank.....	Sheldon, Ind.
Mrs. S. O. Acomb	Tidioute, Pa.

These scholarships are intended to aid worthy and deserving students.

*Deceased.

†In honor of her father, Eliphas Burnham.

‡In memory of her deceased husband, William Robson.

GENERAL INFORMATION.

BUCHTEL COLLEGE was founded in 1870, and took its name from its most generous benefactor, Hon. J. R. Buchtel, who has consecrated his life and wealth to its support. It was chartered by the Ohio Legislature in the same year as a College of Liberal Arts and Letters, and first opened its doors for the admission of students in September, 1872. It is designed to secure the highest grade of Classical, Scientific, and Literary culture known to American Colleges.

LOCATION.

Buchtel College is located in Akron, Summit County, Ohio. This city, with a population of about 30,000, is situated in the midst of hills and valleys, and is one of the most picturesque in the country. It is a healthy city, and easy of access, being located on the line of the New York, Pennsylvania & Ohio; Cleveland, Akron & Columbus; Valley; Pittsburgh & Western; Pittsburgh, Akron & Western; Akron & Chicago Junction (B. & O.) Railways, and having direct connection with all parts of the country.

COLLEGIATE DEPARTMENT.

The curriculum embraces:

FIRST: A Classical Course.

SECOND: A Philosophical Course.

THIRD: A Scientific Course.

These are four-years courses and are equal to those adopted by the best institutions of the country.

PREPARATORY DEPARTMENT.

In connection with the College proper, the Trustees have established a Preparatory School, in which students are thoroughly fitted for the college classes. The course is full and practical, consisting of the studies usually found in High Schools and Academies.

NORMAL WORK.

Teachers, and those designing to teach, will receive special attention from thorough and experienced teachers in those studies which Examining Boards make essential to a thorough professional education.

Regular work will be given in Methods of Teaching, and in the Art of School Management, whereby students may be better prepared for good and successful work in their own school rooms. Certificates will be given to those completing the Normal Course. For further information see page 47.

MUSIC.

Superior advantages are afforded for the study of Music, both instrumental and vocal.

ART.

Buchtel College offers excellent advantages for the study of Art.

LABORATORY AND APPARATUS.

The College is provided with excellent Mathematical Instruments, and Philosophical and Chemical Apparatus of the most approved kind. It has a laboratory open to students, well furnished with appliances for making chemical experiments and analyses. The Department of Natural History is also well supplied with microscopes for the prosecution of biological work.

ASTRONOMICAL OBSERVATORY.

The Observatory is intended for the use of students, and, although some of the apparatus is very delicate and costly, yet it will be freely placed in the hands of those students who prepare themselves for its use. It is furnished with the following instruments:

An Equatorial Telescope of 4.5 inches aperture.

A Meridian Circle of 3 inches aperture provided with various necessary accessory apparatus, and so mounted that it can be used as a Zenith Telescope.

Two fine Astronomical Clocks furnished with electric connections.
A Chronograph.

Various other minor apparatus.

The Observatory is also a Meteorological Station of the Ohio State Meteorological Bureau.

CABINET OF NATURAL HISTORY.

The College Museum proper contains a fair collection of minerals and fossils with the leading types of recent animal life. It is adapted for teaching rather than for show, and the specimens are chosen with the same object in view.

The collection consists of two parts—the general museum, illustrating Natural History in general, and the local collection, intended

to illustrate the natural history of the region in which the College is situated.

The new Science Hall, now in process of construction, will form an epoch in the history of the scientific department. The overcrowding from which it has so long suffered will be relieved and greater justice can be done to the classes in Natural History and to the accumulated material now stored in places where it is inaccessible when wanted. All this will become available for exhibition and for teaching. At the same time the specimens now in hand will not suffice for the new requirements, and contributions are earnestly solicited from friends of education in general and of Buchtel College in particular.

LIBRARY AND READING ROOM.

The College Library contains a well selected collection of works especially adapted to college uses. It numbers about 6,000 bound volumes, exclusive of public documents, and a large collection of unbound pamphlets, all of which are arranged and classified by the Dewey system of classification. The reference department is liberally supplied with dictionaries, encyclopedias, bound sets of periodicals (many of which are complete, to date, or nearly so), and other works of reference, which are accessible to students during all library hours.

The collection of books is being catalogued upon cards, and it is expected that the usefulness of the Library will be much increased when the catalogues are completed up to date. The catalogue of authors is nearly finished and about ready to be thrown open to general use.

During the college session the Library is open to the use of students daily (except Saturdays and Sundays), from 8 A. M. to 9 P. M. On Saturdays it is open from 9 A. M. to 9 P. M., and on Sundays the reference department and reading room are open from 8:30 to 9:30 A. M., and from 2 to 5:30 P. M.

Books may be drawn from the Circulating Library by all officers and students of the College.

In connection with the Library there is a Reading Room, upon whose files are to be found many of the leading publications of the day. This is considered an important part of the opportunities offered for education. The subscription list embraces eighty-seven periodicals, distributed as follows: Twenty-two on literary and educational subjects; twenty-four on Natural and Physical Science; six on Mathematics and Astronomy; ten on Theology and Ethics; four on Political Science and Law; three on Philology; three daily and ten weekly and semi-weekly newspapers, and five periodicals on miscellaneous subjects.

The Akron Public Library has a large and useful collection of books, which students are also permitted to use under certain conditions.

CROUSE GYMNASIUM.

This building is named in honor of Hon. George W. Crouse, of Akron, one of the liberal benefactors of the College.

The structure is a substantial brick building, one hundred and two feet in length by fifty-three feet in breadth. The basement contains a bowling alley with two beds, and dressing and bathing rooms thoroughly furnished. On the first floor are the Director's office and the gymnasium proper, which is eighty-four feet long and forty-eight feet broad. This room is equipped with the most approved apparatus and offers every facility for physical development. A running gallery, of twenty-five laps to the mile, surrounds the room. The examination room is on the second floor and contains the apparatus for measuring the various parts of the body and testing the strength of the back, legs, lungs, chest and arms.

All students, unless excused for some good reason, are obliged to exercise two hours per week under the direction of the instructors. New students are measured and tested by the examining physicians and exercises prescribed according to the physical development.

The gymnasium is open from 8 A. M. to 6 P. M., one-half of each day exclusively for the young women and the other half day exclusively for the young men. Students are encouraged to exercise every day, a healthy body being the necessary adjunct of a well developed mind.

In addition to the above mentioned facilities for physical culture, the College possesses extensive and elaborately equipped Athletic Grounds, which are admirably adapted for the use of the students in playing base ball, foot ball, lawn tennis and similar games. Besides, in the rear of the Gymnasium a large frame building, technically styled a "cage," has been erected, in which, when the weather is unfavorable for outside exercise, the young men may play base ball, foot ball and lawn tennis and thus keep constantly in practice.

All the work in this department is performed under the personal supervision and direction of a competent instructor and experienced professional trainer.

LECTURES.

The instruction of the College aims to combine the advantages of the lecture and recitation systems.

Lectures are delivered before the College students on topics of general interest.

CO-EDUCATION.

The College is open to students of both sexes, who are admitted to equal educational privileges and honors.

RELIGION.

No restriction is imposed upon students in the exercise of religious opinions.

Students attend whatever church their parents or guardians may elect. Nearly all denominations are represented in Akron by flourishing churches. While the College recognizes and honors religion and stands firmly upon the principles of Christianity, it is, in its internal economy, in no sense sectarian.

Religious opinions are respected, but are not taught.

All students are required to attend morning prayers and the reading of the Scriptures in the Chapel.

LITERARY SOCIETIES.

There are Literary Societies in the College under the direction and control of the students.

ADMISSION AND RECORD.

Candidates for admission, who present satisfactory grades from schools of good standing, will be admitted without examination, subject to the condition that they sustain themselves in their work. All others will be examined.

During the course of study, unannounced examinations are held at the discretion of the Professors, and announced examinations are required in case of absence or failure.

Applicants desiring to enter an advanced class, who do not present satisfactory grades from other colleges, will be examined in the studies of the lower classes, or their equivalents in the particular course to be pursued.

Students having completed the studies of the Preparatory Department will be admitted to the corresponding course of the College without further examination.

Arrangements can be made by the students for private instruction, for the removal of conditions.

Testimonials of good moral character must be presented by all applicants.

Students coming from other institutions of learning must furnish certificates of honorable dismissal.

A record of each student's standing is kept, which may be examined by committees, trustees, parents and friends of the College.

Reports of the grades of all students will be sent to parents or guardians at the close of each session.

DEGREES.

The Degree of Bachelor of Arts will be conferred on students who have completed the Classical Course.

The Degree of Bachelor of Philosophy will be conferred on those who have completed the Philosophical Course.

The Degree of Bachelor of Science will be conferred on those who have completed the Scientific Course.

The Master's Degree will be conferred only for special work in any two departments, on which examinations will be required.

Graduates in any course desiring to receive this degree, may make application to the Professors in any two departments for an indication of the work that will be required.

Candidates for this degree must present themselves for examination, and pay a fee of ten dollars not later than the Monday before Commencement.

BOARDING ACCOMMODATIONS.

The College building affords ample accommodations for boarding eighty students. The rooms are heated by steam and lighted by gas. The East Hall is occupied exclusively by young men, while the West Hall is occupied exclusively by young women.

Board, not including room, may be secured in private families for \$3.00 per week and upward.

It is, however, desirable that young women, especially, shall board and room in the College building. They are more "at home" in the building, and besides they are more thoroughly protected from the inclement days in Winter and Spring.

BOARDING CLUBS.

Several clubs are in successful operation, in which board is obtained at \$2.50 per week. Others will be organized whenever there is a sufficient demand for them. This mode of living is quite popular at the College, many of the students having adopted it.

PRIZE FUNDS.

ALUMNI PRIZES.—A fund has been established by the Alumni of the College, the interest of which is annually appropriated as follows: For the Senior Preparatory student making the highest average record, Freshman tuition is paid; for the Freshman making the highest average record, Sophomore tuition is paid; for the Sophomore making the highest average record, Junior tuition is paid.

OLIVER C. ASHTON PRIZES.—A fund consisting of \$3,000 has been established by Mr. Oliver C. Ashton, of Bryan, O., endowing the O. C. Ashton Prizes for excellence in reading and recitation.

The annual income of this fund will be paid, one-third to competitors from the Senior Class, one-third to competitors from the Junior Class, and one-third to competitors from the Sophomore Class, in a first and second prize to each class, in the proportion of two to one.

These public readings and recitations will take place at stated times during the year.

PENDLETON LAW PRIZES.—For the purpose of encouraging the study of Law and Civil Government a fund of \$1,000 has been established by Joy H. Pendleton, of Akron, the annual income of which is used as prizes for essays in the Law Class. Two-thirds of such income is annually paid for the best essay, and one-third for the second best essay, on some subject of Law or Government, announced by the Instructor.

SCHOLARSHIPS.

HIGH SCHOOL.—Two standing scholarships are offered by Buchtel College to the graduates of each of the following High Schools:

Norwalk, Cuyahoga Falls, Medina, Warren, Youngstown, Chagrin Falls, Chardon, Canton and Massillon. To the Akron High School has been awarded one *annual* scholarship.

These scholarships are awarded to the applicant who stands highest in his class, and are subject to conditions which may be known on application to the President of Buchtel College.

TOWNSHIP.—Two standing scholarships in the Preparatory and Normal Departments are offered to pupils in each township of Summit County who complete the common school course in the country schools. These scholarships are awarded to the two pupils in each township passing the best examination before the County Board of School Examiners, under the provisions of the Boxwell Law.

GENERAL EXPENSES.

COLLEGIATE DEPARTMENT.

Tuition, Fall Term, College.....	\$15 00
" Winter " " 	12 50
" Spring " " 	12 50
" Fall " Preparatory or Normal.....	9 00
" Winter " " " " 	7 50
" Spring " " " " 	7 50
Room Rent, per week, in building, each student (depending on location and size of room).....	25 to 75
Heat and Light, per week (each person, 40c.), per room.....	80
Board per week, in building.....	3 00
" " " " clubs	2 50
Washing, per dozen, as per schedule.....	50
Incidentals, including Library and Reading Room fee, per term.....	1 00

DEPARTMENT OF MUSIC.

PER TERM OF 20 LESSONS.

Piano { private lessons.....	\$20 00
{ class lessons.....	15 00
Composition } in classes.....	10 00
Harmony } private lessons.....	20 00
History }	
Organ }	
Violin }	15 00
Cello }	
Zither }	
Voice.....	30 00
Use of Piano, per term, one hour per day.....	2 00
No deduction will be made for absence, unless previous notice is given, or for cases of protracted sickness.	

DEPARTMENT OF ART.

Fall Term, half day.....	\$22 50
Winter and Spring Terms, each, half day.....	18 00
One month, half day.....	8 00
Children's Class, Saturday morning, per term.....	5 00
All other arrangements, per hour.....	25

REMARKS.

Each room is furnished with bedstead, mattresses, pillows, chairs, table, stand, bureau, mirror and commode. Those intending to occupy rooms in the College building should bring sheets, pillow cases, blankets, napkins, towels, etc.

All articles of clothing should be marked with the full name.

The College authorities reserve the privilege of locating two students in each room.

Rooms in the College are heated by steam and lighted by gas. They are commodious, well ventilated, and pleasant. Frequent opportunities for social gatherings are offered to students, good manners are cultivated, and every effort is put forth to make the College a HOME for the student.

To students working in the Chemical Laboratory a small charge will be made, to cover use of chemicals and breakage.

To students working in the department of Natural Science a charge will be made for the use of instruments and material.

To each student upon graduation a charge of \$5.00 for Diploma will be made.

Tuition and room rent for the term must be paid in advance. No tuition or room rent will be refunded, except for absence on account of protracted sickness, and in such cases no reduction will be made in term bills if the student maintains his class standing.

For information in regard to accommodations and expenses,
address

C. R. OLIN, SECRETARY.

For information in relation to admission and course of study,
address

DR. O. CONE, PRESIDENT.

COLLEGIATE DEPARTMENT.

FACULTY AND OFFICERS.

REV. ORELLO CONE, D. D.,
PRESIDENT;

Messenger-Professor of Mental and Moral Philosophy.

CHARLES M. KNIGHT, A. M.,
Buchtel-Professor of Physics and Chemistry.

CARL F. KOLBE, A. M., PH. D.,
Hilton-Professor of Modern Languages.

WILLIAM D. SHIPMAN, A. M.,
Professor of the Greek Language and Literature,
and Philological Science.

CHARLES C. BATES, A. M.,
Professor of the Latin Language and Literature,
and Secretary of the Faculty.

E. W. CLAYPOLE, B. A., D. Sc. (Lond.), F. G. SS. L. E. & A.,
Professor of Natural Science.

HERMAS V. EGBERT, A. M.,
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Ryder-Professor of Rhetoric and Oratory.

MARGARET G. BRADFORD, B. A.,
Pierce-Professor of English Literature and Instructor in
Logic and English History.

WILLARD H. VAN ORMAN, B. S.,
Adjunct Professor of Mathematics.

CHARLES R. GRANT, A. B.,
Instructor in Law.

COLLEGIATE COURSES.

THREE COURSES OF STUDY.

To afford an extensive field for the choice of studies, three regular courses, each of four years, are provided, with three years of preparatory work. These are:

I. The Classical Course, with the Degree of Bachelor of Arts, for graduation.

II. The Philosophical Course, with the Degree of Bachelor of Philosophy.

III. The Scientific Course, with the Degree of Bachelor of Science.

ELECTIVE OPPORTUNITIES.

Buehtel College stands in line with the most progressive educators and colleges in the country in presenting very extensive elective courses.

All studies in the above named courses are elective after the first term of the Sophomore year. Each student is expected to select four subjects, sixteen recitations, per week; and to choose, as far as practicable, consecutive lines of work. Those electing studies will be required to satisfy the Faculty that they are qualified to pursue them, and so to elect that they will be able to obtain the requisite number of subjects each session throughout the course. By means of this system, applying as it does to the latter two-thirds of the course, the professors are enabled to extend each department of work considerably beyond the limitations of the ordinary college curriculum, and students are enabled to follow out those lines of advanced study most congenial to them. The experience of several years has proved this method to be highly satisfactory and successful.

Students are required to hand to the President, at least two weeks before the beginning of any term, a list of their elective studies for that term.

TERMS OF ADMISSION.

Candidates for the Freshman Class, not presenting satisfactory grades, will be required to pass an examination in the following or equivalent branches:

CLASSICAL COURSE.

GREEK.—Grammar (Goodwin or Allen-Hadley); three books of the Anabasis; Prose Composition, as found in Jones' Exercises; Greek History, as found in Pennell.

LATIN.—Grammar, including Prosody (Harkness or Allen & Greenough); three books of Caesar's Commentaries; six of Cicero's Orations; six books of Virgil's *Æneid*; the first twenty lessons of Jones' Latin Prose Composition; Roman History.

MATHEMATICS.—Arithmetic (including the Metric System); Algebra, Wentworth's School Algebra through Quadratic Equations or its equivalent; Geometry, plane and solid.

ENGLISH.—Composition; Grammar; Analysis; Elementary Rhetoric; History of the United States.

DRAWING.—Free Hand.

PHILOSOPHICAL COURSE.

LATIN.—Grammar, including Prosody (Harkness or Allen & Greenough); three books of Caesar's Commentaries; six of Cicero's Orations; six books of Virgil's *Æneid*; the first twenty lessons of Jones' Latin Prose Composition; Roman History.

MATHEMATICS.—Arithmetic (including the Metric System); Algebra, Wentworth's School Algebra through Quadratic Equations or its equivalent; Geometry, plane and solid.

NATURAL SCIENCE.—Physiology; Physical Geography.

ENGLISH.—Composition; Grammar; Analysis; Elementary Rhetoric; History of the United States; General History; Science of Government.

DRAWING.—Free Hand.

SCIENTIFIC COURSE.

LATIN.—Grammar, including Prosody (Harkness or Allen & Greenough); three books of Caesar's Commentaries, six of Cicero's Orations.

MATHEMATICS.—Arithmetic (including the Metric System); Algebra, Wentworth's School Algebra through Quadratic Equations or its equivalent; Geometry, plane and solid.

NATURAL SCIENCE.—Physiology; Natural Philosophy; Physical Geography.

ENGLISH.—Composition; Grammar; Analysis; Elementary Rhetoric; History of the United States; General History; Science of Government.

DRAWING.—Free Hand.

SPECIAL STUDENTS.

All students are advised to pursue a regular course of study, even if it cannot be completed. Those students, however, who do not desire to study for a degree, may obtain permission, by petition to the Faculty, to select such branches and special lines of study as they may be found fitted to pursue. Such irregular students admitted to college classes must be sufficiently advanced to have substantially completed a high school or college preparatory course of study.

Thus an opportunity is offered to a considerable number of young people who do not wish to spend time for a full course, but who desire some college work. Those preparing to teach, those fitting for business, or those who intend to give time to music or art, are especially thus accommodated. Such students will also find themselves proportionally advanced, should they later decide to take a regular course.

On the completion of their studies, such students will receive a certificate stating what work has been done.

COURSES OF STUDY.

FRESHMAN CLASS.

CLASSICAL.

FIRST TERM.

- **Oratory.*—Rhetoric; Composition; Elocution; Declamation.
 †*Greek.*—Memorabilia; Iliad begun.

 †*Latin.*—Livy; Prose Composition.
 †*Mathematics.*—Algebra.
 †*Natural Science.*—Zoology.

SECOND TERM.

- †*Oratory.*—Rhetoric; Composition; Elocution; Declamation.
 †*Greek.*—Iliad; Greek Literature.

 †*Latin.*—Livy; Cicero de Amicitia; Prose Composition.
 †*Mathematics.*—Plane Trigonometry.

THIRD TERM.

- **Oratory.*—Rhetoric; Composition; Elocution; Declamation.
 †*Greek.*—Selections; Odyssey, Herodotus and Thucydides; Greek Literature.

 †*Latin.*—Horace's Odes, Metres; Prose Composition.
 †*Mathematics.*—Spherical Trigonometry; Analytical Geometry.
 †*Natural Science.*—Botany.

PHILOSOPHICAL.

FIRST TERM.

- **Oratory.*—Rhetoric; Composition; Elocution; Declamation.
 †*German.*—Joynes-Meissner's Grammar, Exercises; Joynes' Reader.
 †*Latin.*—Livy; Prose Composition.
 †*Mathematics.*—Algebra.
 †*Natural Science.*—Zoology.

SECOND TERM.

- †*Oratory.*—Rhetoric; Composition; Elocution; Declamation.
 †*German.*—Joynes-Meissner's Grammar, Exercises; Joynes' Reader.
 †*Latin.*—Livy; Cicero de Amicitia; Prose Composition.
 †*Mathematics.*—Plane Trigonometry.

THIRD TERM.

- **Oratory.*—Rhetoric; Composition; Elocution; Declamation.
 †*German.*—Germelshausen, Gerstaecker; Der Neffe als Onkel, Schiller; Written Grammar Review.
 †*Latin.*—Horace's Odes, Metres; Prose Composition.
 †*Mathematics.*—Spherical Trigonometry; Analytical Geometry.
 †*Natural Science.*—Botany.

SCIENTIFIC.

FIRST TERM.

- **Oratory.*—Rhetoric; Composition; Elocution; Declamation.
 †*German.*—Joynes-Meissner's Grammar, Exercises; Joynes' Reader.
 †*History.*—English People.
 †*Mathematics.*—Algebra.
 †*Natural Science.*—Zoology.

SECOND TERM.

- †*Oratory.*—Rhetoric; Composition; Elocution; Declamation.
 †*German.*—Joynes-Meissner's Grammar, Exercises; Joynes' Reader.
 †*History.*—English People.

 †*Mathematics.*—Plane Trigonometry.

THIRD TERM.

- **Oratory.*—Rhetoric; Composition; Elocution; Declamation.
 †*German.*—Germelshausen, Gerstaecker; Der Neffe als Onkel, Schiller; Written Grammar Review.
 †*History.*—English People.

 †*Mathematics.*—Spherical Trigonometry; Analytical Geometry.
 †*Natural Science.*—Botany.

SOPHOMORE CLASS.

CLASSICAL.

FIRST TERM.

- **Oratory.*—Themes; Philosophy of Style; Elocution.
 ‡*Greek.*—Sophocles; Antigone or Oedipus Tyrannus; Greek Literature.
 †*Latin.*—Horace's Satires and Epistles; Roman Literature.
 ‡*Mathematics.*—Analytical Geometry.
 †*Physical Science.*—Chemistry, with Laboratory Practice.

Studies elective from this point. See page 23.

SECOND TERM.

- Oratory.*—Themes; Vocal Physiology; Expression.
Greek.—Euripides; Medea or Iphigenia in Tauris; Greek Literature.

Latin.—Germania and Agricola of Tacitus.
Literature.—History of English Literature.
Mathematics.—Calculus.
Natural Science.—Mineralogy and Geology.
Physical Science.—Chemistry, with Laboratory Practice.

THIRD TERM.

- Oratory.*—Themes; Bell's Visible Speech; Expression.
Greek.—Aeschylus; Prometheus Bound or Agamemnon; Greek Literature.

Latin.—Cicero: De Claris Oratoribus.
Literature.—History of English Literature.
Mathematics.— { 1. Calculus.
 { 2. Surveying.
Natural Science.—Animal Histology and Physiology. Use of the Microscope.
Physical Science.—Chemistry, with Laboratory Practice.

- *Two hours per week.
 †Three hours per week.
 ‡Four hours per week.

Beginning with the elective point, second term of the Sophomore year, each class recites four hours per week throughout the course.

PHILOSOPHICAL.

FIRST TERM.

- **Oratory.*—Themes; Philosophy of Style; Elocution.
 ‡*German.*—Maria Stuart, Schiller; English into German; Written Grammar Review.
 †*Latin.*—Horace's Satires and Epistles; Roman Literature.
 ‡*Mathematics.*—Analytical Geometry.
 †*Physical Science.*—Chemistry, with Laboratory Practice.

Studies Elective from this point. See page 23.

SECOND TERM.

- Oratory.*—Themes; Vocal Physiology; Expression.
German.—Sesenheim (Goethe's "Dichtung und Wahrheit"); English into German; History of German Literature.
Latin.—Germania and Agricola of Tacitus.
Literature.—History of English Literature.
Mathematics.—Calculus.
Natural Science.—Mineralogy and Geology.
Physical Science.—Chemistry, with Laboratory Practice.

THIRD TERM.

- Oratory.*—Themes; Bell's Visible Speech; Expression.
German.—Hermann und Dorothea, Goethe; English into German; History of German Literature.

Latin.—Cicero: De Claris Oratoribus.
Literature.—History of English Literature.
Mathematics.— { 1. Calculus.
 { 2. Surveying.
Natural Science.—Animal Histology and Physiology. Use of the Microscope.
Physical Science.—Chemistry, with Laboratory Practice.

SCIENTIFIC.

FIRST TERM.

- **Oratory.*—Themes; Philosophy of Style; Elocution.
 ‡*German.*—Maria Stuart, Schiller; English into German; Written Grammar Review.
 †*Literature.*—British and American Orators.

 ‡*Mathematics.*—Analytical Geometry.
 †*Physical Science.*—Chemistry, with Laboratory Practice.

Studies elective from this point. See page 23.

SECOND TERM.

- Oratory.*—Themes; Vocal Physiology; Expression.
German.—Sesenheim (Goethe's "Dichtung und Wahrheit"); English into German; History of German Literature.

Literature.—History of English Literature.
Mathematics.—Calculus.
Natural Science.—Mineralogy and Geology.
Physical Science.—Chemistry, with Laboratory Practice.

THIRD TERM.

- Oratory.*—Themes; Bell's Visible Speech; Expression.
German.—Hermann und Dorothea, Goethe; English into German; History of German Literature.

Literature.—History of English Literature.
Mathematics.— { 1. Calculus.
 { 2. Surveying.
Natural Science.—Animal Histology and Physiology. Use of the Microscope.
Physical Science.—Chemistry, with Laboratory Practice.

JUNIOR CLASS.

CLASSICAL.

FIRST TERM.

German.—Grammar, Exercises; Joynes' Reader.
Greek.—Demosthenes: Third Olynthiac and Philip-
 pics.
Latin.—Plautus' *Mostellaria* and *Captivi*; Terence's
Andria and *Adelphi*.
Literature.—American Authors.
Mathematics.—Mechanics.
Natural Science.—Cryptogamic Botany.
Philology.—Science of Language.
Physical Science.—Organic Chemistry.
Political Science.—Political Economy.

SECOND TERM.

Oratory.—Themes; Voice Culture; Expression;
 Models.
German.—Grammar, Exercises; Joynes' Reader.
Greek.—Clouds of Aristophanes.
Latin.—Juvenal and Persius.
Logic.—Deductive.
Philology.—Philosophy of Language; Exercises.
Philosophy.—Psychology.
Physical Science.— $\left\{ \begin{array}{l} 1. \text{Pneumatics and Sound.} \\ 2. \text{Assaying and Chemical} \\ \text{Analysis.} \end{array} \right.$

THIRD TERM.

Astronomy.—Descriptive.
Oratory.—Orations; Lectures; Oratorical and Dra-
 matic Delivery.
German.—Germelshausen, Gerstaecker; Der Neffe
 als Onkel, Schiller; Written Grammar Re-
 view.
Greek.—New Testament.
Latin.—Pliny's Letters and Seneca's Moral Essays.
Logic.—Inductive.
Philology.—Scientific Basis of English, and Original
 Work.
Philosophy.—Psychology.
Physical Science.— $\left\{ \begin{array}{l} 1. \text{Light and Photography.} \\ 2. \text{Chemical Analysis.} \end{array} \right.$

PHILOSOPHICAL.

FIRST TERM.

German.—Wallenstein, Schiller; German Essays
 and Letters; Dictation; History of German
 Literature.
Latin.—Plautus' *Mostellaria* and *Captivi*; Terence's
Andria and *Adelphi*.
Literature.—American Authors.
Mathematics.—Mechanics.
Natural Science.—Cryptogamic Botany.
Philology.—Science of Language.
Physical Science.—Organic Chemistry.
Political Science.—Political Economy.

SECOND TERM.

Oratory.—Themes; Voice Culture; Expression;
 Models.
German.—Wallenstein, Schiller; Goethe's *Faust* be-
 gun; German Essays; German Literature.
Latin.—Juvenal and Persius.
Logic.—Deductive.
Philology.—Philosophy of Language; Exercises.
Philosophy.—Psychology.
Physical Science.— $\left\{ \begin{array}{l} 1. \text{Pneumatics and Sound.} \\ 2. \text{Assaying and Chemical} \\ \text{Analysis.} \end{array} \right.$

THIRD TERM.

Astronomy.—Descriptive.
Oratory.—Orations; Lectures; Oratorical and Dra-
 matic Delivery.
German.—Goethe's *Faust* continued; German
 Essays; History of German Literature.

Latin.—Pliny's Letters and Seneca's Moral Essays.
Logic.—Inductive.
Philology.—Scientific Basis of English, and Original
 Work.
Philosophy.—Psychology.
Physical Science.— $\left\{ \begin{array}{l} 1. \text{Light and Photography.} \\ 2. \text{Chemical Analysis.} \end{array} \right.$

SCIENTIFIC.

FIRST TERM.

German.—Wallenstein, Schiller; German Essays
 and Letters; Dictation; History of German
 Literature.

Literature.—American Authors.
Mathematics.—Mechanics.
Natural Science.—Cryptogamic Botany.
Philology.—Science of Language.
Physical Science.—Organic Chemistry.
Political Science.—Political Economy.

SECOND TERM.

Oratory.—Themes; Voice Culture; Expression;
 Models.
German.—Wallenstein, Schiller; Goethe's *Faust* be-
 gun; German Essays; German Literature.

Logic.—Deductive.
Philology.—Philosophy of Language; Exercises.
Philosophy.—Psychology.
Physical Science.— $\left\{ \begin{array}{l} 1. \text{Pneumatics and Sound.} \\ 2. \text{Assaying and Chemical} \\ \text{Analysis.} \end{array} \right.$

THIRD TERM.

Astronomy.—Descriptive.
Oratory.—Orations; Lectures; Oratorical and Dra-
 matic Delivery.
German.—Goethe's *Faust* continued; German
 Essays; History of German Literature.

Logic.—Inductive
Philology.—Scientific Basis of English, and Original
 Work.
Philosophy.—Psychology.
Physical Science.— $\left\{ \begin{array}{l} 1. \text{Light and Photography.} \\ 2. \text{Chemical Analysis.} \end{array} \right.$

SUMMARY OF INSTRUCTION

BY DEPARTMENTS.

MENTAL AND MORAL PHILOSOPHY, AND NATURAL THEOLOGY.

PRESIDENT CONE.

Psychology, which is an elective for the Juniors in the second and third terms, is taught by text-books and oral instruction. Theses on important topics in the science are required of students pursuing the study, and are subjected to criticism and discussion in the class. The study and discussion of questions of metaphysics proper, constitute the larger part of the work during the latter half of the third term.

Moral Philosophy is an elective in the last two terms of the Senior year, and embraces theoretical and practical ethics, and discussions of the origin of ethical ideas in the light of modern philosophy.

Natural Theology, which is an elective for the Seniors in the first term, embraces a study of the evidences of Theism and a critical examination of the arguments from cosmology, teleology, etc., with a view of the theories of modern speculation.

POLITICAL SCIENCE.

PRESIDENT CONE.

Political Economy is an elective for the Seniors in the first term, and is taught so as to present the history of the science and lead to a thorough comprehension of established principles. The reading of the works of the masters of the science is called for in the preparation of the theses required of the class.

PHYSICAL SCIENCE.

PROF. C. M. KNIGHT, A. M.

Chemistry.—The elements of inorganic chemistry are taught by recitations, lectures, and practical work in the laboratory. Each student is assigned a desk in the laboratory, furnished with apparatus and chemicals, and it is required that every statement shall be illustrated and confirmed by experiment; each student is further required to manufacture one or more salts under each basic element, and to explain fully the process and principles involved.

A course in blow-pipe analysis includes the tests for elements as they occur in ores of greatest economic value. The instruction in organic chemistry consists of recitations, lectures and laboratory work. The lectures discuss the theories and present the latest researches; work in the laboratory comprises proximate analysis and the preparations, by synthesis, of organic products.

The instruction in analytical chemistry extends through the larger part of the Junior year; the course, including qualitative and quantitative analysis, involves such a variety of methods and processes as will enable the student to undertake any chemical analysis.

Industrial chemistry is taught by lectures and laboratory practice. Whenever practicable, actual products are exhibited to the students, and the manufacturing processes reproduced in miniature. The great losses by imperfect methods of manufacture and by waste products are pointed out, and the student taught to see the true economy of production. Illustrative of the topics studied, visits are made to various manufacturing establishments, and an opportunity given to see manufacturing operations in actual working.

Physics.—The course includes recitations, lectures and laboratory practice in Optics, Heat, Acoustics and Electricity. A simple exposition of the experimental facts of these branches is first undertaken, followed by theoretical discussions to show the connection of their principles, and to bring out their common relation to the doctrine of the conservation of energy. Lectures present the recent advances of Physical Science, and point out the practical application of its principles. The subject of Photography, including its various applications in the sciences and arts, is taught by practical work.

Students are required to become familiar with the projecting lantern as an instrument of demonstration in the lecture room, and, in general, to perform with their own hands all experimental illustration. The apparatus for illustrating general principles is being supplemented by instruments for making accurate measurements.

Those wishing to take Physics must take the Mechanics of the Junior year.

MODERN LANGUAGES.

PROF. C. F. KOLBE, A. M., PH. D.

The German and French languages, the leading ones among the Modern Languages in Buchtel College, are taught with a view to the greatest practical results. The German language, especially, receives full recognition in Buchtel College. It is on an equal footing with other studies in the results obtained from a several years' course. It is taken

up, as a new study, in the Freshman Class (except by students of the Classical Course, who may begin the study of German in the Junior year), and is made obligatory during this year, as well as the first term of the Sophomore year. It may be continued during the remainder of the Sophomore and the entire Junior year.

Thus a three years' course with requirements corresponding to a systematic progress, guarantees to the faithful student an accurate and comprehensive knowledge, furnishing the key to the vast field of literature vouchsafed by this language.

Beyond this, however, the course of instruction recognizes the practical claims of the German language, in a country where millions of German-speaking people live, where business relations and demands, in their various forms, call for an actual and practical use of this language, and where, therefore, this language, above all, should become a living language in the mouth of the student. To obtain this end, in its widest possible range, the German language is spoken, by the teacher and student, in the class-room, a practice which is continued through the entire course. The student who gradually becomes accustomed to the sounds of the foreign language soon learns to use and express himself in the same.

Buchtel College, then, uses the German language as the medium of teaching German, and it can be said truthfully that, during the many years of its use, satisfactory results in general, and surprising results in very many cases, have been obtained by this well-tested method. With this experience of past years, this department is prepared to extend its requirements with each succeeding year, securing thereby to the student increased benefits.

The French language is studied during the Senior year—at a time when the discipline of years of study of other languages enables the student of a more ripened judgment and increased ability of observation to rapidly acquire and apply an extended knowledge of this language, far in advance of requirements generally resulting from the study of this language, for a similar period, under ordinary circumstances.

GREEK.

PROF. W. D. SHIPMAN, A. M.

After a thorough course of preparation, we not only aim to acquire a good knowledge of the Greek language, and to profit by the disciplinary drill attendant upon the study of its syntax, but we undertake to read the masterpieces of Ancient Greece, from a literary point of view. This includes a study of the different kinds of composition; written translations of select passages, both in prose and in verse; a

consideration of the plan and outline of all works studied, even though they are read but in part; written sketches of the life, the style, and the works of each author taken up; and a study of the logical and rhetorical features which we are constantly meeting.

The various authors read may be seen by consulting the Course of Study. This will be adhered to for the most part, though occasional deviations may be made.

Throughout the College Course—which includes, by reason of the elective system, the whole four years—some time is regularly devoted to related subjects, as follows: During the Freshman year attention is given to epic peculiarities, the Homeric question, and the nature and leading forms of history. During the Sophomore year we give especial attention to the origin and course of the drama. In connection with the Junior work, we study during the first term the principles of oratory; in the second, the peculiar character of Attic comedy; and in connection with the New Testament we give attention to the peculiarities of dialect, the most important manuscripts and versions, and the principles of textual criticism. During the Senior year, in the first term we consider the forms and phases of lyric poetry; in connection with the study of Plato, the general character and development of philosophic thought among the Greeks; while the third term's special subject depends on what author is selected for class work.

A manual of Greek Literature is taken up during the Freshman and Sophomore years, and a systematic general view of its course and character obtained. The work is supplemented by library references and by lectures.

In connection with Homer, the drama, and the lyric poets, the varieties of scansion are studied.

Attention is given throughout the course to the derivation of words; and a constant effort is made to duly appreciate the life and thought of the Ancient Greek people.

PHILOLOGICAL SCIENCE.

PROF. W. D. SHIPMAN, A. M.

Throughout the Junior year, an elective in Philology is offered in all courses. The subject is taken up and treated from a scientific rather than from a literary point of view. Linguistics, both in its comparative and historical form, is now attracting wide attention, and is here given a prominent place.

The idea is to make students familiar not only with a wide range of interesting and important facts, but also with the leading doctrines concerning the nature and origin of language, the causes that have

brought it to its present forms, and the forces now operative in its modification.

The special text-books used are Whitney's *Life and Growth of Language*, and Skeat's *Concise Etymological Dictionary*. The regular recitation work is supplemented by class lectures, by the enlarged treatment of particular subjects, preparing summaries of important articles, and the like, by the aid of books of reference, encyclopaedias, and philological periodicals, with which the College library is well supplied. We aim not merely to increase knowledge by learning, but also by employing the inductive method, to establish scientific habits, and to train and strengthen the mental powers.

The first term is occupied with a general survey of the nature and science of language, with a few special exercises; the second, with the historical and philosophical aspects of the subject, with more outside work; while the third term is mainly devoted to a consideration of the historical and scientific basis of the English language. This includes study of the elements of Anglo-Saxon and Gothic Grammar, the reasons for the loss of our inflections, dialectic peculiarities, spelling reform, and the like. Some original work is also undertaken.

LATIN.

PROF. CHAS. C. BATES, A. M.

The course in Latin, embracing a period of seven years, three in the Preparatory and four in the Collegiate Department, is designed to furnish the student with a thorough knowledge of the grammatical and rhetorical features of the Latin language, and also acquaint him with the principal productions of the foremost prose and poetical writers in the various periods of Roman Literature.

The list of authors whose works are studied comprises Caesar, Cicero, Virgil, Livy, Horace, Tacitus, Terence, Plautus, Juvenal, Persius, Pliny, Seneca and Lucretius.

These are supplemented by Latin Prose Composition, Roman History and Antiquities, Roman Literature, and the Elements of Philology.

The foundation is laid by the requisite drill upon grammatical forms, syntactical principles and idiomatic expressions, while careful comparisons are instituted between the literal and the smooth rendition of passages.

At an early period the student is thereby enabled to intelligently appropriate the truths inculcated by the author, and appreciate the beauties of the language employed.

Two methods of pronunciation, the English and the Roman, are used, but the preference is given to the latter.

In poetry, familiarity with prosody and scansion is acquired.

Translation at sight constitutes a prominent feature in the work of advanced classes.

Throughout the course considerable attention is devoted to English derivation, a subject absolutely essential to an adequate comprehension of scientific terminology.

It is believed that by the plan adopted the interests of culture and utility are equally subserved.

NATURAL SCIENCE.

PROF. E. W. CLAYPOLE, B. A., D. SC. (LOND.), F. G. SS. L. E. & A.

This department includes the subjects of Botany, Zoology, Geology and Palaeontology, Anatomy and Physiology. Most of these subjects are studied during two terms, the former of which is devoted to the elementary portions, and the latter to work of a rather more difficult nature.

Mere text-book work is little used, as its value in this department of study is very small, but special subjects are taken up from time to time in all the classes, and the work is made as practical as possible. The description and drawing of the natural objects are here important means of mental culture and advancement.

Lectures are supplementary to this part of the work, and are intended not to be a substitute for a text-book, but to explain what the student has but partially understood or to direct him ~~in~~ further work. They are also the means of bringing before him much scientific information that is otherwise quite inaccessible.

Direct contact with Nature rather than reliance on authority is encouraged, and students are employed as far as possible on the study of the local natural history, with the view of developing their own powers of observation and deduction. This, and not the mere accumulation of facts, is the foremost object desired by the introduction of this branch of study in a college course.

For the successful study of the higher branches, the Compound Microscope is essential, and familiarity with the use of this instrument may be obtained in the Sophomore Class, in Physiology and Histology.

Acquaintance with the instrument itself, and with the method of microscopical work and manipulation, are required as a condition for entrance to the subject of Biology or Anatomy.

Means of instruction in this department are yearly improving, and a considerable addition to the microscopical outfit has been made during the past year by the liberality of the trustees.

The collections, both general and local, have been also increased and improved for teaching purposes. Especially during the past year the ornithological collection has been carefully examined, and the specimens, when worth the labor, have been cleaned and repaired. Many skins, chiefly of our local avifauna, have been added to the collection, and a substantial improvement has thus been made. Much material that has been accumulating for some years past has also been cleared, studied, and placed in the Museum by the Junior Class in Geology.

By these various means is afforded the opportunity of becoming acquainted with the general scope of Natural Science and the methods of scientific work, and also, if desired, of carrying on minute investigation in a limited portion of this great and yearly widening field.

MATHEMATICS AND ASTRONOMY.

PROF. H. V. EGBERT, A. M.

ADJUNCT PROF. W. H. VAN ORMAN, B. S.

FRESHMAN CLASS.

FIRST TERM.—Algebra (Wentworth), including simultaneous Quadratic Equations, Properties of Quadratics, Ratio and Proportion, Progressions, Binomial Theorem, Logarithms and Series.

SECOND TERM.—Plane Trigonometry (Wentworth).

THIRD TERM.—Spherical Trigonometry (Wentworth). In connection with both plane and spherical trigonometry special attention will be given to practical operations in logarithmic calculations.

Analytic Geometry (Wentworth). This subject will be taken up after the Spherical Trigonometry, and occupy the last third of the term and will be continued in the following term.

SOPHOMORE CLASS.

FIRST TERM.—Analytic Geometry (Wentworth)—concluded.

SECOND TERM.—Calculus—Differential (Osborne). The calculus in this and the following term is required for the Analytic Mechanics of the Senior year.

THIRD TERM.—Calculus—Integral (Osborne). Required as above.

Surveying (Wentworth). Use of compass, transit and level. Practical problems are assigned the class which require the use of the various instruments in land surveying, leveling for street grades, sewers,

railroads, etc. Each student makes the necessary computations and constructs plats from his field-notes.

JUNIOR CLASS.

FIRST TERM.—Mechanics (Dana). This subject is required of those who intend to elect Physics and Astronomy in the following terms.

THIRD TERM.—Descriptive Astronomy (Young). For the pursuit of this subject the Mathematics up to the elective point and the Mechanics are required.

SENIOR CLASS.

FIRST TERM.—Spherical and Practical Astronomy (Doolittle). The celestial sphere, transformation of co-ordinates, parallax, refraction, time and the transit instrument, including the discussion and determination of its constants. Determination of time and other problems will be assigned to the student, which he will work out for himself in the observatory.

Analytic Mechanics (Bowser). For this subject the full work in calculus is required.

SECOND TERM.—Spherical and Practical Astronomy (Doolittle). The zenith telescope, its theory and the method of determining latitude. Least squares (Comstock). Observatory work.

Analytic Mechanics (Bowser). Calculus required as before.

THIRD TERM.—Spherical and Practical Astronomy (Doolittle). The sextant, its theory and methods of its use in determining latitude and time. Observatory work.

Analytic Mechanics (Bowser). For this calculus is required.

In the work in Practical Astronomy the methods used will be those employed in the large observatories.

RHETORIC AND ORATORY.

PROF. L. A. BUTTERFIELD, A. M., PH. D.

The aim of this department is to provide such opportunities as will enable the faithful student to furnish himself with an excellent outfit and an invaluable preparation for life's work.

With the exception of a single term, the work is continuous from matriculation to the second term of the Senior year. The instruction is of the most practical kind, strengthening the pupil's individuality at every step and giving him constantly increasing control over his audience and over himself. It embraces the following subjects:

I. PHYSICAL CULTURE. By this we mean the cultivation and refinement of the entire body by training it to express the emotions and purposes of the soul. The daily exercises develop every muscle in the

body, give tone to the nervous system and vital organs, cultivate grace, and render every part so responsive to the mind that mechanical gesture becomes an impossibility. To neglect such a course of training is to live beneath our privilege and close many avenues of usefulness.

The Emerson System of Physical Culture is made the basis of this work.

II. VOICE CULTURE. The first and most important step in voice culture is to secure correct physical and mental conditions. Elasticity of tone and freedom from harsh and impure qualities may be attained by obedience to natural laws. A free, natural and impressionable voice is secured by careful training. The voice is most perfectly developed by proper use in expressing one's thoughts and feelings.

III. RHETORIC. In teaching the art of writing, mere book knowledge is of little service. The pupil is first taught to observe men and things, then to record the result of his observation. Skill in expressing one's thoughts in writing is the constant aim. Special attention is given to the requisites of a good style.

IV. ORATORY. Delivery is taught exclusively from the mind side. All imitative and mechanical methods are discarded and the pupil trained from the beginning to a self-reliant use of his own powers. Oratory being essentially a social matter, the class naturally constitutes an audience for each speaker in turn. Further opportunities for public speaking are afforded in the Oratorical and Ashton prize contests.

ENGLISH LITERATURE.

PROF. MARGARET G. BRADFORD, B. A.

In the first term of the Sophomore year in the Scientific course British and American Oratory is taught, by means of lectures and readings from the principal orators. Beginning with the second term of the Sophomore year, the work is elective in all courses. In the second and third terms of the Sophomore year, the History of English Literature is studied. Representative works of the best authors are read critically in class. The life of the author and the history of his time are also made the subject of study. In the first term of the Junior year, the History of American Literature is taught by means of lectures and readings from our best American authors.

No literature text-books are used except the works of the authors themselves, which, as far as possible, are put into the hands of the students. The library is well supplied with the best works upon biography and criticism, and constant reference is made to these authorities.

A course of reading, to accompany this study, is marked out by means of library topic books.

In the Senior year, the Classical authors of the English language, Chaucer, Milton and Spenser, are studied. The first term is given for the most part to a critical study of some representative work or works of each of these authors; the second, to a study of the English Drama from the earliest forms down to modern times. During the last term Shakespeare's art and several of his plays are critically studied.

The aim throughout the course in English Literature is to foster a taste for good reading, to direct students what to read and how to read. Constant and thorough use of the College library is urged upon all students pursuing this course.

LOGIC.

MARGARET G. BRADFORD, B. A., INSTRUCTOR.

Logic is an elective study in all courses in the second and third terms of the Junior year. The text-books used are Fowler's Deductive Logic and Fowler's Inductive Logic.

The work is supplemented by practical exercises, numerous examples of the processes of thought, the criticism of arguments, practice in definition, and illustrative work from other standard authorities upon the subject.

HISTORY.

MARGARET G. BRADFORD, B. A., INSTRUCTOR.

Throughout the Freshman year, Scientific Course, lectures upon the growth, development and character of the English people, from the earliest times to our own day, are given. The dependence of certain changes in English life and history upon the great European movements, such as the Crusades, Renaissance, Reformation, French Revolution, etc., is made clear by supplementary lectures on these topics. The lectures form but the outline of recitation, for which preparation is made by free and constant use of the College Library, containing the works of such standard historical authorities as Green, Macaulay, Knight, Creasy, Stubbs, Froude, Guizot, etc.

Particular attention is given to the social development and constitutional growth of the English people as the basis of our own character and government.

The aim is to induce students to read for themselves, and to awaken a real and vivid interest in English Life, Letters and History.

LAW.

CHARLES R. GRANT, A. B., INSTRUCTOR.

It is the design of this department to furnish instruction in the elements of Jurisprudence and Civil Government.

The Fall Term is occupied in studying the principles of American Constitutional Law, with frequent reference to the Constitutions of European Governments.

The Winter Term is devoted to the study of Municipal Law. This will include the law of the Domestic Relations, Property, Contracts, Crimes, and Procedure in the Courts.

International Law is the subject for discussion in the Spring Term. This will include not only the rules by which the intercourse between nations is governed, but the obligations which one nation or state is under, at times, to enforce the laws of another.

No attempt will be made to fit men for legal practice; but it is possible for students, who pursue the law in this department diligently throughout the year, to be admitted to the Bar after one year's additional study in a Law School.

PREPARATORY DEPARTMENT.

GENERAL INFORMATION.

In connection with the College proper, the Trustees have established a Preparatory School, in which students are fitted for the college classes and for teaching. There are three courses of study of three years each, corresponding to the courses of the College, and a Normal Course of two years.

This department is under the same general administration as the other departments of the College and the immediate supervision of the Principals. All are received as coming for the purpose of doing the best they can for themselves. As students do their studying in their own rooms, teachers do not assume responsibility over those who, through want of self-control, or for any other reason, fail to prepare their lessons. Self-government is the central idea.

Students in High Schools and Academies, who intend to take a College Course, are recommended to spend the last preparatory year in this department, on account of the better adjustment of the studies to the regular college work. To save time, they are advised to omit in their preparatory work all studies not required for admission to college.

All students in this department above the first term of the middle year are required to declaim and to prepare and deliver original literary exercises.

Students will be examined and assigned to classes for which they are qualified. Those who present satisfactory grades from schools of good standing will be admitted without examination, subject to the condition that they sustain themselves in their work. To enter the Junior Class of this department, applicants will be examined in Arithmetic as far as Percentage, Grammar as far as Syntax, and Descriptive Geography.

Those desiring to enter in advance of this point will be examined in the studies of the lower classes.

During the course of study written reviews and unannounced examinations or tests are held at the discretion of the teachers, and announced examinations are required in case of absence or failure.

The Junior Composition recites once a week; the Middle Drawing twice a week; other classes five times a week.

All Drawing is Free-hand and from Nature.

Students sufficiently advanced in other studies, after completing the Latin of the Junior year, may enter both the Middle and the Senior classes, thus completing the three years of preparatory Latin in two years.

A special class in Latin for rapid work will be formed every Winter Term, to complete in two terms the regular work of the Junior year.

Students sufficiently advanced in other studies may complete the preparatory Greek in one year. To accommodate such students, a special class for rapid work will be formed at the beginning of each college year.

Provision is made for instruction in English studies on the part of those not pursuing a regular course. A class in Book-keeping is formed every Fall Term, and at the beginning of other terms when there is sufficient demand.

Special classes will be formed as follows: Fall Term, U. S. History; Winter Term, Percentage Arithmetic; Spring Term, Grammar and Analysis; Percentage Arithmetic; Physiology.

Other classes may be formed when a sufficient number of students desire them.

FACULTY AND OFFICERS.

REV. ORELLO CONE, D. D.,
PRESIDENT.

JENNIE GIFFORD, A. M.,
Principal of Preparatory Department,
and Teacher of Science.

SAMUEL FINDLEY, A. M., PH. D.,
Principal of Normal Department.

MARY E. STOCKMAN, L. A.,
Teacher of English and Latin.

WILLARD H. VAN ORMAN, B. S.,
Teacher of Mathematics,
and Secretary.

MARTHA A. BORTLE,
Teacher of English and Rhetorical Work.

EDWIN L. FINDLEY, A. B.,
Teacher of Greek and Latin.

PREPARATORY COURSE.

JUNIOR CLASS.

CLASSICAL.

FIRST TERM.

English.— { Composition.
 { Grammar and Analysis.
Latin.—Grammar and Lessons.
Mathematics.—Percentage Arithmetic.

SECOND TERM.

English.— { Composition.
 { Advanced Analysis.
Latin.—Grammar and Lessons.
History.—United States.

THIRD TERM.

English.—Elementary Rhetoric.
Mathematics.—Completing Arithmetic.
Latin.—Grammar and Caesar.

PHILOSOPHICAL.

FIRST TERM.

English.— { Composition.
 { Grammar and Analysis.
Latin.—Grammar and Lessons.
Mathematics.—Percentage Arithmetic.

SECOND TERM.

English.— { Composition.
 { Advanced Analysis.
Latin.—Grammar and Lessons.
History.—United States.

THIRD TERM.

English.—Elementary Rhetoric.
Political Science.—Civil Government.
Latin.—Grammar and Caesar.

SCIENTIFIC.

FIRST TERM.

English.— { Composition.
 { Grammar.
Latin.—Grammar and Lessons.
Mathematics.—Percentage Arithmetic.

SECOND TERM.

English.— { Composition.
 { Analysis.
Latin.—Grammar and Lessons.
History.—United States.

THIRD TERM.

English.—Elementary Rhetoric.
Political Science.—Civil Government.
Latin.—Grammar and Caesar.

MIDDLE CLASS.

CLASSICAL.

FIRST TERM.

Drawing.—Free-Hand.

English.—Elementary Rhetoric.

Latin.—Caesar, Grammar; Prose Composition.

Mathematics.—Algebra.

SECOND TERM.

Drawing.—Free-Hand.

Greek.—Grammar and Lessons.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

THIRD TERM.

Greek.—Grammar and Lessons.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

PHILOSOPHICAL.

FIRST TERM.

Drawing.—Free-Hand.

English.—Elementary Rhetoric.

Latin.—Caesar, Grammar; Prose Composition.

Mathematics.—Algebra.

SECOND TERM.

Drawing.—Free-Hand.

Natural Science.—Physiology.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

THIRD TERM.

Mathematics.—Completing Arithmetic.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

SCIENTIFIC.

FIRST TERM.

Drawing.—Free-Hand.

English.—Elementary Rhetoric.

Latin.—Caesar, Grammar; Prose Composition.

Mathematics.—Algebra.

SECOND TERM.

Drawing.—Free-Hand.

Natural Science.—Physiology.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

THIRD TERM.

Mathematics.—Completing Arithmetic.

Latin.—Cicero, Grammar; Prose Composition.

Mathematics.—Algebra.

SENIOR CLASS.

CLASSICAL.

FIRST TERM.

Greek.—Grammar, Anabasis; Greek History.

Latin.—Virgil, Grammar; Prose Composition:

Roman History.

Mathematics.—Algebra and Plane Geometry.

SECOND TERM.

Greek.—Anabasis; Prose Composition.

Latin.—Virgil, Grammar; Prose Composition.

Mathematics.—Plane Geometry.

THIRD TERM.

Greek.—Anabasis; Prose Composition.

Latin.—Virgil; Prose Composition.

Mathematics.—Solid Geometry.

PHILOSOPHICAL.

FIRST TERM.

Physical Science.—Physical Geography.

Latin.—Virgil, Grammar; Prose Composition:

Roman History.

Mathematics.—Algebra and Plane Geometry.

SECOND TERM.

English.—General History.

Latin.—Virgil, Grammar; Prose Composition.

Mathematics.—Plane Geometry.

THIRD TERM.

English.—General History.

Latin.—Virgil; Prose Composition.

Mathematics.—Solid Geometry.

SCIENTIFIC.

FIRST TERM.

Physical Science.—Physical Geography.

Physical Science.—Natural Philosophy.

.....
Mathematics.—Algebra and Plane Geometry.

SECOND TERM.

English.—General History.

Physical Science.—Natural Philosophy.

Mathematics.—Plane Geometry.

THIRD TERM.

English.—General History.

Physical Science.—Natural Philosophy.

Mathematics.—Solid Geometry.

NORMAL COURSE.

FIRST YEAR.	SECOND YEAR.
FALL TERM. Advanced Arithmetic. English. { Grammar. { Composition. Physiology. Lat'n (optional).	FALL TERM. Elements of Pedagogy. Algebra. Natural Philosophy. Drawing twice a week. Latin (optional).
WINTER TERM. Advanced Arithmetic. English. { Analysis. { Composition. U. S. History. Latin (optional).	WINTER TERM. Elements of Pedagogy. Algebra. General History. Drawing twice a week. Latin (optional).
SPRING TERM. Rhetoric. Physical Geography. Civil Government. Latin (optional).	SPRING TERM. Elements of Pedagogy. Algebra. Review of Arithmetic and Grammar. General History. Latin (optional).

All are advised to pursue the study of Latin as indicated above.

Those who complete the course will receive a certificate to that effect.

High School graduates may complete the course in one year, taking the course in Pedagogy, the Review of Grammar and Arithmetic, and such other studies as they may elect, in either the Preparatory or the College Department.

Students should be well prepared in Common Branches to complete the course in the prescribed time.

Normal students not having time for the full course may select such studies as will best serve their purpose. For an understanding of the opportunities thus opened, see the various courses of study and statements on pages 25 and 42.

MUSIC.

INSTRUCTORS.

MATTIE E. FIREY,

Piano and Theory. (Fall and Winter Terms.)

M. CARYLE SYLLA,

Piano and Theory. (Spring Term.)

ALFRED W. COGSWELL,

Voice.

GUSTAV SIGEL,

Violin, Cello, Zither.

PIANO.

The Musical Department of Buchtel College offers superior advantages of musical culture to all students of music. The study of piano-forte playing is one of the most important parts of a musical education, to the vocalist as well as to the student of string instruments, and for composition it is indispensable.

A good technique together with intellectual musical ideas forms the foundation of good piano playing; the one without the other is faulty. Strict attention must be given to the formation of a smooth, sympathetic touch and good technique, as well as to the careful development of deep musical sentiment. The same course of instruction is employed as in the European Conservatories.

Private as well as class lessons are given, the latter being especially recommended to those wishing to make the teaching of music a profession.

Instruction in ensemble playing is an important feature of the course of study; to all piano students a course of Harmony is recommended.

STUDENT REHEARSALS, RECITALS AND LECTURES.

Class rehearsals, at which pupils are instructed in analysis of composition, expression and phrasing, take place weekly at the Director's studio. Public recitals of students occur monthly at College Hall. They are for the purpose of giving to the student self-control and ease in appearance before the public.

Students with professional aspirations will be instructed once a week in the art of teaching by the Director.

Lectures on musical aesthetics and musical history are given in connection with instruction in harmony.

VOICE CULTURE.

"He who knows how to breathe and pronounce well, knows how to sing well."—*Pacchiarotti*.

The careful emission of the voice is to vocal music what touch is to piano playing; hence the first duty of the teacher, in most cases, is to correct habits strengthened by years of careless singing.

In the course of instruction especial attention will be given to the following important features: The correct manner of using the respiratory and vocal organs, based upon thorough hygienic methods and principles; the production and formation of tones with special regard to their purity, sweetness, softness, and ease of style; accuracy of pitch; variety of expression; distinctness of articulation, and cultivation and refinement in taste. Special pains will be devoted to obtaining a careful, gradual and natural growth of the voice, without strain or undue forcing, and to building up and strengthening the physical condition of pupils, in connection with their vocal culture, and as an indispensable adjunct to it.

The singing of simple legato songs of Weber, Mozart, Spohr, Haydn, Mendelssohn, Kuchen, and others, is early introduced in the course as a practical and interesting manner of obtaining desired results.

The study of selections from the Oratorios of Handel, Haydn and Mendelssohn; the operas of the old masters, Rossini, Mercadante, Donizetti and Bellini; and English, German and Italian songs are included in the course of instruction.

The exact work of each term will not be given here, as the natural ability and advancement of a pupil largely determine the order of studies and length of time required for their completion. At least two lessons a week will be required at the beginning of the year. Practice periods of twenty minutes to a half hour each at least twice a day will be necessary.

No pupils to be received for less than a term of twenty lessons.

HARMONY, COMPOSITION, HISTORY.

Harmony is taught in classes as well as in private lessons. The order of study is:

Formation of Scales and Chords.

Classification of Chords.

Modulation, etc.

History of Music—From its origin to the present time.

VIOLIN, CELLO, ZITHER.

The instruction in this branch will be given according to the latest and most improved methods.

ART.

Miss Minnie C. Fuller, a member of the Art Students' League, of New York, has charge of this department.

This school, for the thorough study of art in its elementary and higher branches, offers advantages equal to the best art schools in the country. Attention is called to the methods of study, wide range of material the pupil may work in, time arrangement, and other means employed to secure the best results.

Two dominant ideas prevail in the art school. First: All practical knowledge of art is based upon drawing. Second: All drawing must be from nature.

COURSE. As far as possible a system of progress is followed. This is applicable to the individual only, and not to the class. Each pupil retains his individuality, while still following a course laid down for all. If the pupil has not heretofore drawn from nature, he will begin with

STILL LIFE. Masters and artists of all times have agreed that the wisest way to teach beginners to draw is to place an object before them and bid them draw it. As the pupil advances in skill other objects are added, till whatever shall fall under the eye can be reproduced with accuracy and effect. Following this comes a most thorough drill in

CAST DRAWING. Drawing from cast is the grammar of practical art work, and must not be slighted. The pupil is now obliged to work with the utmost care and exactness. Having now acquired some readiness in drawing, the pupil takes up the study of

COLOR, working in pastel, water color or oil, painting from still life arrangements.

CHARCOAL. This has been adopted as the first medium used by the beginner, because of its many virtues. It works rapidly, can be easily erased, and the pupil is taught to see the value and relation of tone as well as form and proportion. The deepest darks and highest lights, as well as the intermediary tones, once seen, are easily and quickly produced in charcoal.

PORTRAIT CLASS. Drawing from the living model will be one of the advantages offered the advanced pupils.

TEACHERS. Those desiring to prepare themselves for teaching will receive special attention.

CHILDREN'S CLASS. It has been proven by experience that children of nine years and upwards may be successfully taught the first principles of drawing from nature. Such a class for children will be held Saturday mornings.

The studio is open six forenoons in the week.

STUDENTS.

COLLEGIATE DEPARTMENT.

SENIOR CLASS.

COURSE.

Coffey, William Tatom.....	s.....	Marion, Ia.
Cole, Edith Maora.....	c.....	Norwalk.
Eberhard, Le Roy Crockett.....	c.....	Akron.
Fehr, Peter.....	c.....	Akron.
Green, Isabella Moore.....	c.....	Akron.
Hardin, Willett Lepley.....	s.....	South Warsaw.
Holcomb, Orrin Grant.....	s.....	Cedar Rapids, Ia.
Hollinger, Myrven John.....	s.....	Copley.
Keller, Alvin.....	s.....	Attica.
Kingsbury, Benjamin Freeman.....	c.....	Defiance.
Koenig, Charles William.....	s.....	St. Louis, Mo.
McLean, Johnson Brown.....	s.....	West Alexandria.
Myers, Burton Dorr.....	PH.....	Attica.
Osborne, Robert J.....	PH.....	Corry, Pa.
Putnam, William Pitt.....	s.....	Rockland.
Seidman, Edward Samuel.....	c.....	Akron.
Shipman, Charles Hiram.....	c.....	Akron.
Slade, Alice Cary.....	c.....	Columbus.
Thomas, Anna Elizabeth.....	c.....	Akron.

Seniors, 19.

JUNIOR CLASS.

COURSE.

*Bargar, Margaret Elizabeth.....	s.....	Tracy.
Bateson, Carolen Elinor.....	c.....	Kenton.
Clark, Harry Worthy.....	PH.....	Chardon.
Dean, Eva Ellen.....	s.....	Sioux City*, Ia.
Dean, Origen Stone.....	s.....	Sioux City, Ia.
Findley, Samuel Emerson.....	c.....	Akron.
*Herriff, Amy Irene.....	s.....	Kent.
*Hollenbeck, Harland H.....	c.....	Chardon.
James, Joseph Hidy.....	s.....	Washington C. H.
*Johnston, Lizzie May.....	s.....	Tallmadge.
Mathew, Taca.....	c.....	Port William.
*Musson, Estelle Frances.....	PH.....	Mogadore.

*Not in full class standing.

*Schumann, Neva Grace.....S.....	Kent.
Seidman, Arthur.....C.....	Akron.
Simpson, John Hayward.....PH.....	Attica.
Snyder, Harry Lee.....S.....	Peru.
*Sorrick, Cora Jennie.....S.....	Akron.
*Stutzman, Ada Mary.....S.....	Akron.
Taber, Gertrude.....PH.....	Akron.
Teeple, Arthur Rowe.....S.....	Akron.
*Thomas, John Lewis.....S.....	Akron.
Webster, Carlos Green.....S.....	Norwalk.
*West, Mary Zuba.....S.....	Marietta.
Wills, Elizabeth.....PH.....	Akron.

Juniors, 24.

SOPHOMORE CLASS.

COURSE.

Benedict, Charles Sumner.....S.....	Perry, N. Y.
Brophy, Elizabeth Mary.....C.....	Tonawanda, N. Y.
*Cannon, Carrie Wells.....S.....	Jesse.
*Coe, Walter Benton.....S.....	Omaha, Neb.
Courtney, Alice Leta.....S.....	Salem.
Druley, Bertha Matella.....C.....	Stafford, Conn.
*Hardin, Eli Boyer.....S.....	South Warsaw.
Harpham, Emily Congreve.....C.....	Akron.
Hibbard, Allen Hale.....PH.....	Akron.
Hovey, Clark Samuel.....C.....	Fowler's Mills.
Inman, Marcus Tullius.....C.....	Columbiana.
*James, Mary Louisa.....PH.....	Washington C. H.
*Jones, Minnie May.....S.....	Jeffersonville.
Kennedy, Herbert Welles.....S.....	North Olmstead.
Kenner, Prudence.....PH.....	Huntington, Ind.
*Martin, Ernest Whitney.....C.....	Medina.
*McKnight, Alvin Charles.....S.....	North Springfield.
Mignin, Charles Frederick.....S.....	Stryker.
Parker, Lulu Elizabeth.....PH.....	Akron.
Pierce, Hattie Gertrude.....PH.....	Cedar Falls, Ia.
Putt, Wilson Arbingast.....S.....	Akron.
Stockman, Avah Maud.....PH.....	Petkin, Col.
*Taylor, David Spencer.....S.....	Albion, Ind.
*Thursby, Dennis David.....S.....	Inland.
*Underwood, Chambers.....S.....	Danville.
Wright, Alice Grace.....PH.....	Akron.

*Not in full class standing.

Sophomores, 26.

FRESHMAN CLASS.

COURSE.

Andrews, Mary Elizabeth.....	PH.....	Hamilton.
Armstrong, Arabella Ruth	PH.....	Akron.
Bell, Carrie	PH.....	Clifton Springs, N. Y.
Canfield, Leander Randall.....	C.....	Chardon.
Chapman, Cloyd Mason.....	S.....	Akron.
Chase, Martha.....	PH.....	Akron.
Cochrane, John Lewellyn.....	S.....	Akron.
Couden, William Charles.....	C.....	Concord, Mich.
Crubaugh, Pearl.....	PH.....	Akron.
Dice, Jesse Peck.....	C.....	Akron.
Foltz, Esgar Bowen.....	C.....	Akron.
Grable, Bessie Mabel.....	PH.....	Inland.
Green, Grace.....	S.....	Attica.
Hamlin, Roy Horace	S.....	Akron.
James, Margaret Trylla.....	C.....	Washington C. H.
Loudenback, Henry Carlton.....	S.....	Westville.
Mumford, Eben.....	C.....	Alcony.
Newberry, Maud Ruth.....	C.....	Petoskey, Mich.
Petty, Charles Ellsworth.....	C.....	Akron.
Pfaff, Philippine Maria.....	PH.....	Whipple.
Rankin, George Thomas, Jr.....	PH.....	Akron.
Saylor, Philip Andrew.....	C.....	West Alexandria.
Sorrick, Chloe.....	PH.....	Akron.
Steigmeyer, Frederick Franklin.....	S.....	Attica.
Thomas, Sarah Eugenia.....	PH.....	Akron.
*Underwood, Leonidas John.....	S.....	Danville.
Van Orman, Hattie Ellis.....	PH.....	Akron.
Whitehead, Bessie May.....	S.....	Kent.
Whitsel, Byron Dennis.....	S.....	Akron.
Willoughby, Mae.....	S.....	Canal Winchester.

*Not in full class standing.

Freshmen, 30.

SPECIAL STUDENTS.

Alexander, Bessie Hamilton.....	Akron.
Alexander, Joseph J.....	Akron.
Alexander, Martha Durand.....	Akron.
Allen, Mattie May.....	Akron.
Andrus, Hiram J.....	Akron.
Baldwin, Lucene Rose.....	Norwalk.
Canfield, Charles Horace.....	Cuyahoga Falls.
Cook, Beckie C.....	Akron.

Crosby, Mary Julia	Cedar Falls, Ia.
De Force, Clifton.....	Corry, Pa.
Franklin, John Whitman.....	Fountain Park.
Green, William Green.....	Akron.
Hollenbeck, Jessie Bell.....	Chardon.
Isbell, Charles Henry	Akron.
Johnson, Burke Lamartine	Kenton.
Leavitt, Frank Clyde.....	Leetonia.
Lybarger, Lee Francis.....	Mt. Vernon.
Motz, John A.....	Akron.
Myers, Jennie Elizabeth	Akron.
Pixley, Chryssie Ione.....	Akron.
Smith, Harriet Fuller	Kelloggsville.
Snear, Otha.....	Stryker.
Stone, Laura Ames.....	Marietta.
Taylor, Carl Barrett.....	Akron.
West, Elizabeth Compton.....	Marietta.
Willoughby, Grace Greenwood.....	Canal Winchester.
Wise, William Dennison.....	Akron.
Yerrick, Harry Leroy.....	Akron.

Special Students, 28.

PREPARATORY DEPARTMENT.

SENIOR CLASS.

COURSE.

Alexander, Hannah Theresa.....	PH.....	Akron.
Ames, Blanche Bertha.....	PH.....	Albuquerque, N. M.
Barnes, Hubert Treat.....	C.....	Tallmadge.
Bennett, Abby Elvira.....	S.....	Akron.
Bennett, Clara Marie.....	S.....	Akron.
Borst, Beulah May.....	C.....	Akron.
Chamberlin, Blanche Sophronia.....	C.....	Akron.
Daugherty, John Edward.....	C.....	Akron.
Ellinwood, Jessie Belle.....	C.....	Akron.
Fish, Fred A.....	PH.....	Milan.
Foster, Arthur Lavara.....	C.....	Akron.
Foster, Ethel Mary.....	C.....	Akron.
Gammeter, Harry Christian.....	PH.....	Akron.
Gardner, James Anderson	S.....	Pittsburg, Pa.
Goodwin, Mabel Clara.....	C.....	Akron.

Hanscom, Austin Brewster.....	C.....	Akron.
Hill, Josephine Elizabeth.....	S.....	Western Star.
Holloway, Albert Curtis.....	C.....	Akron.
Hoye, Mary Anna.....	S.....	Akron.
Huber, David R.....	C.....	Akron.
Johnson, Cora May.....	PH.....	Mt. Carmel.
Johnson, Kent Percival.....	PH.....	Kenton.
Loudenback, Maude Charlotte.....	PH.....	Westville.
Lukesh, Edward Frank.....	S.....	Akron.
May, Louis Rudolph.....	C.....	Akron.
May, Mary Louise.....	C.....	Akron.
McColgan, Alzie May.....	PH.....	Cuyahoga Falls.
McElhinney, Nettie Grace.....	C.....	Akron.
McIntosh, Irene Belle.....	S.....	Ravenna.
McNeil, Raymond Beers.....	S.....	Akron.
Nieberg, Nellie May.....	PH.....	Akron.
Pomerene, Melvin.....	S.....	Berlin.
Rice, Thaddeus Waldo.....	S.....	Castalia.
Rider, Harry Millhoff.....	C.....	Akron.
Rogers, George Wait.....	C.....	Akron.
Smith, Clara Belle.....	PH.....	Akron.
Smith, Corinna Ellen.....	C.....	Kelloggsville.
Stanley, Grace Cannon.....	S.....	Akron.
Taber, Isabelle.....	C.....	Castile, N. Y.
Taber, Luella May.....	S.....	Castile, N. Y.
Taylor, Charles Clinton.....	S.....	Akron.
Taylor, John.....	C.....	Akron.
Van Deusen, Almira Reed.....	S.....	Denver, Col.
Werrick, Chester.....	S.....	Akron.
Whitehead, Frank Boosinger.....	S.....	Kent.
Woods, Richard Mitchell.....	PH.....	Akron.

MIDDLE CLASS.

COURSE.

Allen, Beulah Jeanette.....	PH.....	Akron.
Arbogast, Dora Dean.....	PH.....	Sidney.
Bargar, Anna Laura.....	S.....	Tracy.
Beach, Florence.....	PH.....	Pittsburg, Pa.
Bock, Annie.....	PH.....	Akron.
Butler, Walter.....	C.....	Akron.
Cook, Marion Elaine.....	PH.....	Geauga Lake.
Dague, Metta Maud.....	C.....	Akron.

De Woody, Charles Frederick.....	PH.....	Akron.
Dressler, Bessie Marion.....	PH.....	Akron.
Fisher, Elizabeth Clara.....	S.....	Akron.
Hallock, Frank Almon.....	PH.....	Le Roy.
Hardy, Maurice Luther.....	PH.....	Whipple.
Kent, Mary Eliza.....	S.....	Akron.
Lazell, James Thompson.....	PH.....	Flint.
Libis, Lorenzo John.....	C.....	Akron.
Miller, Bertha Anna.....	PH.....	Akron.
Moatz, Louis Kent.....	S.....	Akron.
Peterson, Stella Regina.....	S.....	Akron.
Saunders, Clara May.....	C.....	Kingsbury.
Scudder, Leveria May.....	C.....	Akron.
Seiple, Clyde Isaac.....	S.....	Brittain.
Spanton, Albert Isaac.....	C.....	Kensington.
Thompson, Walter Francis.....	PH.....	Akron.
Wilkins, Margaret Loveria.....	PH.....	Cherry Grove, Pa.

JUNIOR CLASS.

Baum, Roswell James.....	Marchand.
Diebolt, Henry William.....	Cleveland.
Eccles, David Gunn.....	Akron.
Frank, John Clarence.....	Fairlawn.
Gould, Wayne.....	Hinklesville, W. Va.
Hardy, Vinton Millard.....	Akron.
Lackey, Hattie Elizabeth.....	Akron.
Marshall, Thomas Corwin.....	Akron.
Palmer, Thomas Albert.....	Akron.
Pomerene, Budge.....	Berlin.
Terrass, Milford Charles.....	Akron.
Thomas, Oliver Philip.....	Akron.
Thursby, John Lewis.....	Ninisila.

NORMAL DEPARTMENT.

SECOND YEAR.

Beyers, Estha Jane.....	Akron.
Ferry, Grace Estelle.....	Kent.
Griffith, Jennie May.....	West Richfield.
Guldin, Louise Margrethe.....	Salem.
Hampson, Harriet Lucinda.....	Everett.

Hinman, Mattie Louisa.....Akron.
 McMillen, Gertrude Labelle.....Akron.
 Monegan, Lillian.....Richfield.
 Parker, Abbie HWest Richfield.
 Sheldon, Olive Pearl.....Akron.
 Smith, Martha AbbieAkron.
 Sprankle, Gertrude Arline.....Bath.
 Thursby, Bertha Blanche.....Akron.
 Townsend, Emma Eliza.....Akron.
 Young, Cora May.....Cuyahoga Falls.

FIRST YEAR.

Arnold, John David.....Sharon Center.
 Baumgardner, Ethbert.....Bath.
 Brown, Enid Elmira.....Akron.
 Kiplinger, George Andrew.....Akron.
 Marsh, Ellery Leroy.....Akron.
 Swigart, William Loyd.....Nimisila.

UNCLASSIFIED STUDENTS.

Arnoux, Juliette Martha.....Barberton.
 Bennett, Buena BurrAkron.
 Bitterman, Myrta Lizzie.....Cuyahoga Falls.
 Brewster, May Helen.....Akron.
 Brown, Daniel Webster.....Akron.
 Brownell, Oscar Grant ..Akron.
 Caruss, Dolly Lourene.....Barberton.
 Case, Charles Frank.....Akron.
 Cassidy, Thomas KohlerSharon Center.
 Dales, George SewardAkron.
 Daugherty, Elizabeth Edna.....Akron.
 Dickinson, Maude Wilburn.....Cedar Rapids, Ia.
 Evans, Helena Baguley.....Barberton.
 Fell, AaronGreenville, Pa.
 Gilcrest, Frederick BrittainBrittain.
 Hardy, Jennie ClarissaAkron.
 Hardy, William Emmon.....Akron.
 Harrington, Melvin WintonTallmadge.
 Hawn, Acton Frank.....Akron.
 Hill, Forrest Henry.....Akron.
 Hugill, Rhea WalpoleAkron.
 Huntington, Edwin Green.....Painesville.
 Johnson, Arthur.....Twinsburg.

Kilbourn, Olive Payne.....Akron.
 Kirm, Grant Ulysses.....Akron.
 Lodwick, Reeves.....Akron.
 Lohman, Alfred Perkins.....Akron.
 Loomis, Minnie Estelle.....Scranton, Pa.
 Maloney, Cornelius.....Kent.
 McFarlin, Anna May.....Akron.
 Miller, Clark Ralph.....Akron.
 Mitchell, Grace Letitia.....Akron.
 Morecraft, Hayden Guy.....N. Lewisburg.
 Noble, Mildred May.....Canton.
 Perkins, Lillian White.....Akron.
 Phelps, Clara Winifred.....Norwalk.
 Schultz, Katherine Bertha.....Akron.
 Shepard, Earle Dickson.....Akron.
 Slade, Abby Field.....Columbus.
 Smith, Letitia Sefrona.....Akron.
 Warner, Bessie Ellen.....Akron.
 Werner, Frank Albert.....Akron.
 Werner, Richard Marvin.....Akron.
 Wright, Rolla Malan.....Red Lion.

SUMMARY OF STUDENTS.

COLLEGIATE DEPARTMENT.

Senior Class.....	19
Junior “	24
Sophomore “	26
Freshmen “	30
Special Students.....	28

Classical Students.....	29
Philosophical “	25
Scientific “	45
Special “	28

Young Men.....	69
Young Women	58

PREPARATORY DEPARTMENT.

Senior Class.....	46
Middle “	25
Junior “	13
Unclassified Students	44

NORMAL DEPARTMENT.

Second Year	15
First Year.....	6

Young Men Preparatory and Normal	72
Young Women “ “ “	77

RECAPITULATION.

Collegiate Students.....	127
Preparatory and Normal	149
Young Men—Collegiate, Preparatory and Normal.....	141
Young Women—Collegiate, Preparatory and Normal	135
Total Attendance in Collegiate, Preparatory and Normal Departments	276

This statement presents only students in regular Collegiate, Preparatory and Normal classes. Students in Music and Art, to a considerable number, are not included in this summary.

GRADUATING CLASS.

1893.

NAME.	COURSE.	RESIDENCE.
Coffey, William Tatom.....	S.....	Marion, Ia.
Cole, Edith Maora.....	C.....	Norwalk.
Eberhard, Le Roy Crockett.....	C.....	Akron.
Fehr, Peter.....	C.....	Akron.
Green, Isabella Moore	C.....	Akron.
Hardin, Willett Lepley	S.....	South Warsaw.
Holcomb, Orrin Grant.....	S.....	Cedar Rapids, Ia.
Hollinger, Myrven John.....	S.....	Copley.
Keller, Alvin	S.....	Attica.
Kingsbury, Benjamin Freeman.....	C.....	Defiance.
Koenig, Charles William.....	S.....	St. Louis, Mo.
McLean, Johnson Brown.....	S.....	West Alexandria.
Myers, Burton Dorr.....	PH.....	Attica.
Osborne, Robert J	PH.....	Corry, Pa.
Putnam, William Pitt	S.....	Rockland.
Seidman, Edward Samuel	C.....	Akron.
Shipman, Charles Hiram	C.....	Akron.
Slade, Alice Cary.....	C.....	Columbus.
Thomas, Anna Elizabeth	C.....	Akron.

DEGREES CONFERRED.

COMMENCEMENT 1892.

GRADUATES.

BACHELOR OF ARTS.

Cole, James Ethan.....Norwalk.

BACHELOR OF PHILOSOPHY.

Claypole, Agnes Mary.....Akron.

Claypole, Edith Jane.....Akron.

Gayer, William Carl.....Akron.

BACHELOR OF SCIENCE.

Cannon, Austin Victor.....Jesse.

Chaney, Lizzie Josephine.....Canal Winchester.

PRIZES.

I.

THE ALUMNI PRIZE FUND.

Awarded for excellence in scholarship.

- a.* In the Senior Preparatory Class, to Maggie James.
- b.* In the Freshman Class, to Prudence Kenner.

II.

THE O. C. ASHTON PRIZES.

Awarded for excellence in declamation.

1891-92.

- a.* Senior prize announced in last year's catalogue.
- b.* In the Junior Class, first prize to Edith Maora Cole; second prize to Burton D. Myers.
- c.* Sophomore prize announced in last year's catalogue.

1892-93.

- a.* In the Senior Class, first prize to Burton D. Myers; second prize to Edward S. Seidman.
- b.* In the Junior Class, contest not held at date of issue of catalogue.
- c.* In the Sophomore Class, first prize to Wilson A. Putt; second prize to Lulu E. Parker.

III.

THE J. H. PENDLETON LAW PRIZES.

Awarded for excellence in law essays.

1891-92.

First prize to Lizzie J. Chaney; second prize equally divided between Edith J. Claypole, Agnes M. Claypole and Austin B. Cannon.

1892-93.

Decision not rendered at date of issue of Catalogue.

ASSOCIATION OF THE ALUMNI.

OFFICERS.

President, BESSIE KINGSBURY, '87.

Vice-President, DR. W. J. EMERY, '85.

Secretary, E. L. FINDLEY, '91.

Treasurer, OAKLEY HERRICK, '82.

APPOINTMENTS FOR ALUMNI PUBLIC EXERCISES.

Orator, CARL F. HENRY, '91.

Alternate Orator, WILLIAM B. BALDWIN, '91.

Historian, MRS. SUSIE E. COLE, '73.

DONATIONS AND IMPROVEMENTS.

Under this head the College takes pleasure in recording from year to year, with grateful appreciation, the contributions of its friends to its development and progress.

In the catalogue of last year it was announced that \$20,000 had been pledged toward the erection of a Hall of Science on condition that \$10,000 more be raised.

Since that announcement Hon. Geo. W. Crouse, of Akron, has given \$5,000, and Ferd. Schumacher has increased his subscription from \$10,000 to \$15,000, thus fulfilling the conditions of said pledges, and securing the sum of \$30,000 towards the new building.

At the annual meeting of the Alumni Association held last June, steps were taken to increase the principal of the Alumni Prize Fund, with the result of raising it to \$2,435. The donations, amounting to \$1,050, were as follows: Dayton A. Doyle, '78, \$100, and each of the following \$50, to-wit: Prof. Mary B. Jewett, '76; A. B. Tinker, '76; Prof. W. D. Shipman, '77; Agnes Kuleman, '81; Mrs. Lillian A. Hunter '85; Mrs. Abby S. Schumacher, '85; Emma Clark, '87; Rev. E. J. Felt, '87; Dr. A. A. Kohler, '87; A. W. Maynes, '87; Mrs. Gracia G. Olin, '87; Jas. D. Olin, '87; H. B. Briggs, '89; E. F. Cone, '89; A. C. Coit, '90; A. J. Rowley, '90; V. R. Andrew, '91; W. B. Baldwin, '91; and E. L. Findley, '91.

During the eleven months ending April 1, 1893, the College Library has received donations of books from

Hon. J. Park Alexander, Akron, O.
American Humane Education Society, Boston, Mass.
Dr. J. A. Coles, Scotch Plains, N. J.
Dr. O. Cone, Akron, O.
D. A. Doyle, Akron, O.
John C. Hurd estate, by D. Van Nostrand Co., New York.
N. Y. State Library, Albany, N. Y.
Ohio State Bar Association.
Rev. L. G. Powers, Minneapolis, Minn.
Smithsonian Institution, Washington, D. C.
U. S. Department of the Navy, Washington, D. C.
U. S. Department of War, Washington, D. C.
U. S. Naval Observatory, Washington, D. C.
D. Van Nostrand Co., New York.
Volta Bureau, Washington, D. C.
Judge Martin Welker, Wooster, O.

In the summer of 1892 Dr. Phinney, a friend of the College and late Assistant State Geologist of Indiana, offered his valuable collection to the College for a part of its value, intending to make it in part a gift. After making the necessary investigation the Trustees decided to purchase it and thus to secure for the new Museum a Geological Collection which could not be duplicated except at much greater cost. It covers the formations as developed in Indiana and adjoining States from the lower silurian to the carboniferous.

A large addition has been made to the representative avifauna of the Western Reserve in the Museum by the employment of a taxidermist. Many of the specimens thus prepared have been presented by friends of the College and others have been purchased. The Entomological Collection has also been thoroughly renovated by one of the graduates of last year, who has rearranged most of the existing materials, added many species heretofore not represented, and named the greater part of the lepidoptera in the cases.

A friend of the College, who desires for the present to remain unknown, has promised to defray the cost of a cast of the American mastodon as his contribution to the equipment of the new Scientific Museum.

Valuable additions also have been made to the department for the study of Anatomy, by the preparation of several excellent skeletons, chiefly of our domestic animals, by the members of the Senior Class, during the year.