UNIVERSITY OF CINCINNATI

(FOUNDED BY CHARLES McMICKEN)

CATALOGUE

OF THE

Academic Department

1890-91

EIGHTEENTH YEAR

CINCINNATI

OFFICE OF THE UNIVERSITY

1891
INSTRUCTORS AND STUDENTS

IN THE

ACADEMIC DEPARTMENT

OF THE

UNIVERSITY.

Faculty and Instructors.

WAYLAND RICHARDSON BENEDICT, A. M., DEAN,* Brookline Avenue, Clifton.

Professor of Philosophy.

EDWARD WYLLYS HYDE, C. E., 16 Lincoln Ave., West Walnut Hills. Professor of Mathematics.

WILLIAM OLIVER SPROULL, A. M., Ph. D., LL. D., 29 Mason Street, Mount Auburn. Professor of Latin Language and Literature, and of Arabic.

THOMAS FRENCH, Jr., A. M., Ph. D., Ridgeway Avenue, Avondale. Professor of Physics.

THOMAS HERBERT NORTON, A. M., Ph. D., Registrar, Loraine and Brookline Avenues, Clifton. Professor of Chemistry.

JERMAINT GILDERSELEVE PORTER, A. M., Ph. D., Station C. Director of the Observatory and Professor of Astronomy.

CLARENCE LUTHER HERRICK, M. S., SECRETARY, 324 Hamilton Avenue, Northside. Professor of Natural History.

WILLIAM EVERETT WATERS, B. A., Ph. D., Mount Hope Road, Price Hill. Professor of Greek and Comparative Philology.

EDWARD MILES BROWN, Ph. B., Ph. D., The Glencoe, Mt. Auburn. Professor of Modern Languages and Literatures.

PHILIP VAN NESS MYERS, A. M., LL. D., College Hill. Professor of History and Political Economy and Instructor in Rhetoric.

WARD BALDWIN, C. E., M. S., Auburn Hotel, Mount Auburn. Professor of Civil Engineering.

CHARLES FREDERICK SEYBOLD, A. B., LL. B., Willow St., Columbia. Assistant Professor of French and German.

CHARLES ASBURY HARPER, 499 Gilbert Avenue, Walnut Hills. Assistant in Chemistry.

*During the first term of the current year the offices of Acting President and Dean were filled by Professor H. T. Eddy, who withdrew from the University January 1st, 1891.
STUDENTS.

1890-91.

GRADUATES.

<table>
<thead>
<tr>
<th>NAME</th>
<th>RESIDENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bailey, Charles Brant, B. Ph.,</td>
<td>18 Hopkins St.</td>
</tr>
<tr>
<td>Bedinger, John Cyril, B. S.,</td>
<td>17 Windsor St., Walnut Hills</td>
</tr>
<tr>
<td>Couch, John Andrew, B. A.,</td>
<td>426 Baymiller St.</td>
</tr>
<tr>
<td>Ely, Elizabeth Antoinette, B. A.,</td>
<td>17 Windsor St., Walnut Hills</td>
</tr>
<tr>
<td>Homburg, Frederick, B. S.,</td>
<td>40 Clifton Ave.</td>
</tr>
<tr>
<td>Klinger, Oscar Godfrey, M. A.,</td>
<td>231 Dayton St.</td>
</tr>
<tr>
<td>Kuehne, Albert Frederick, B. A.,</td>
<td>Riddle Road, Clifton Heights</td>
</tr>
<tr>
<td>Kuhn, Oscar William, B. A.,</td>
<td>Forest Ave., Walnut Hills</td>
</tr>
<tr>
<td>Nickles, John Millen, B. A.,</td>
<td>Sparta, Ill.</td>
</tr>
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</table>

FOURTH YEAR (SENIORS)

<table>
<thead>
<tr>
<th>NAME</th>
<th>COURSE</th>
<th>RESIDENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bennett, William Albert,</td>
<td>C. E.,</td>
<td>Wyoming, O.</td>
</tr>
<tr>
<td>Constant, Frank Henry,</td>
<td>C. E.,</td>
<td>230 Dayton St.</td>
</tr>
<tr>
<td>Crane, William Henry,</td>
<td>B. S., (B),</td>
<td>87 Southern Ave., Mt. Auburn</td>
</tr>
<tr>
<td>Fowler, Harold,</td>
<td>C. E.,</td>
<td>Madeira, O.</td>
</tr>
<tr>
<td>Greenfield, Samuel,</td>
<td>B. L.,</td>
<td>26 Chestnut St.</td>
</tr>
<tr>
<td>Harper, George Daniel,</td>
<td>B. L.,</td>
<td>499 Gilbert Ave., Walnut Hills</td>
</tr>
<tr>
<td>Heckman, Samuel George,</td>
<td>B. A.,</td>
<td>Bellevue Ave., Mt. Auburn</td>
</tr>
<tr>
<td>Hirschberg, Samuel,</td>
<td>B. L.,</td>
<td>484 W. Sixth St.</td>
</tr>
<tr>
<td>Joseph, Israel,</td>
<td>B. A.,</td>
<td>365 W. Fourth St.</td>
</tr>
<tr>
<td>Layman, Margaret Elinor,</td>
<td>B. A.,</td>
<td>41 Crown St., Walnut Hills</td>
</tr>
<tr>
<td>Lyons, Alexander,</td>
<td>B. L.,</td>
<td>164 Baymiller St.</td>
</tr>
<tr>
<td>McAvoy, Irving,</td>
<td>C. E.,</td>
<td>Mt. Lookout</td>
</tr>
</tbody>
</table>

THIRD YEAR (JUNIORS)

<table>
<thead>
<tr>
<th>NAME</th>
<th>COURSE</th>
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<tbody>
<tr>
<td>Anthony, Helen Lewis,</td>
<td>B. L.,</td>
<td>49 Crown St.</td>
</tr>
<tr>
<td>Harbour, Clement Aubrey,</td>
<td>B. A.,</td>
<td>128 Sixth St., Newport, Ky</td>
</tr>
<tr>
<td>Brownlee, Daniel,</td>
<td>B. A.,</td>
<td>92 Chapel St.</td>
</tr>
<tr>
<td>Des Brisay, Frederick Theophilus,</td>
<td>B. A.,</td>
<td>Wyoming, O.</td>
</tr>
<tr>
<td>Franklin, Leo Morris,</td>
<td>B. L.,</td>
<td>194 Baymiller St.</td>
</tr>
<tr>
<td>Gideon, Abraham,</td>
<td>B. L.,</td>
<td>208 Richmond St.</td>
</tr>
<tr>
<td>Hagen, Esther Kleinman,</td>
<td>B. S.,</td>
<td>256 Richmond St.</td>
</tr>
<tr>
<td>Hayden, Daniel Young,</td>
<td>B. L.,</td>
<td>250 Wade Street.</td>
</tr>
<tr>
<td>Heinrichsdorf, Paul,</td>
<td>C. E.,</td>
<td>Clifton, O.</td>
</tr>
<tr>
<td>Herrick, Charles Judson,</td>
<td>B. S., (B),</td>
<td>324 Hamilton Ave.</td>
</tr>
<tr>
<td>King, Annie Hastings,</td>
<td>B. L.,</td>
<td>58 Morris Place.</td>
</tr>
<tr>
<td>Lacey, Thomas James,</td>
<td>B. A.,</td>
<td>424 Court St.</td>
</tr>
<tr>
<td>McGee, Frank Armstrong,</td>
<td>C. E.,</td>
<td>192 W. Seventh St.</td>
</tr>
<tr>
<td>Mansheimer, Jennie,</td>
<td>B. L.,</td>
<td>355 Richmond St.</td>
</tr>
<tr>
<td>Riley, Estelle May,</td>
<td>B. L.,</td>
<td>402 W. Seventh St.</td>
</tr>
<tr>
<td>Stevenson, Frank Williamson,</td>
<td>B. L.,</td>
<td>Hartwell, O.</td>
</tr>
<tr>
<td>Straus, Joseph Baer,</td>
<td>C. E.,</td>
<td>399 W. Ninth St.</td>
</tr>
<tr>
<td>Venable, William Mayo,</td>
<td>B. S., (P),</td>
<td>Tuscaloosa.</td>
</tr>
<tr>
<td>Winkler, Selma,</td>
<td>B. L.,</td>
<td>197 Dayton St.</td>
</tr>
</tbody>
</table>

SECOND YEAR (SOPHOMORES)

<table>
<thead>
<tr>
<th>NAME</th>
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<th>RESIDENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bahnman, Robert Frederic,</td>
<td>C. E.,</td>
<td>264 Findlay St.</td>
</tr>
<tr>
<td>Beaman, George Burnham,</td>
<td>B. A.,</td>
<td>Durrell Ave., Walnut Hills</td>
</tr>
<tr>
<td>Eddy, Ruth Elizabeth,</td>
<td>B. L.,</td>
<td>Beecher St., Walnut Hills</td>
</tr>
<tr>
<td>Fesselborn, Emilie,</td>
<td>B. L.,</td>
<td>16 Morris St., Walnut Hills</td>
</tr>
</tbody>
</table>
chemicals, plus breakage. Other students in Chemistry will be charged eight dollars a term for chemicals, plus breakage.

Students taking Laboratory Work in Physics, Chemistry or Zoology, or Engineering Field Work, or attending the Lectures on Inorganic Chemistry, will be charged five dollars per annum in each of these studies for wear and tear of apparatus. Students in Systematic Botany will be charged three dollars per term for use of materials.

Students will be held pecuniarily responsible for damage done to the building or other property of the University.

Undergraduate Courses and Baccalaureate Degrees.—The University offers the following courses of study of four years each:

1. A Classical Course, leading to the degree of Bachelor of Arts.
2. A Course in Letters, leading to the degree of Bachelor of Letters.
3. Five Courses in Science, each leading to the degree of Bachelor of Science.

Each member in the graduating class in the Courses in Science will prepare for graduation a thesis, which shall be finished and presented to the Faculty by the first day of June. When accepted, it becomes the property of the University.

Each member of the graduating class in the Classical Course and in the Course in Letters will prepare an essay, not exceeding one thousand words in length, suitable for delivery as a commencement exercise. The subject of this essay will be submitted to the Faculty for approval by the first day of March, and the essay will be finished and presented by the first day of May.

With reference to the choice of studies, the following regulations have been adopted by the Faculty:

1. Every student will, under the advice of one or more of the professors, submit to the Faculty, on or before the first day of each academic year, a complete list of his studies for the year.
2. The choice of studies is always subject to the approval of the Faculty.
3. Each study will be continued throughout the year for which it is chosen, except in special cases, where permission to discontinue may be granted by the Faculty upon request in writing.

Special Studies.—It is a general requirement that all students shall pursue one or other of the Courses leading to a degree. But matriculates who are prevented by peculiar circumstances from pursuing all the studies of a course may, by permission of the Faculty, pursue certain studies for which they are specially qualified.

Graduate Study and Degrees.—Graduates of this University and of other institutions of equal standing, are permitted to study any subject which is regularly taught in the University and for which they may be adequately prepared.

Persons properly qualified may receive the degrees of Master of Arts, Master of Letters, Master of Science, and Civil Engineer.

The Faculty will recommend for the degree of Master of Arts, Master of Letters, or Master of Science, any candidate otherwise qualified, on the following conditions:

1. That after having received the corresponding Bachelor's degree, he shall have pursued at this University, for not less than one year, a prescribed course of study under the direction of the Faculty.
2. That he shall have passed a satisfactory examination upon the course of study pursued.
3. That he shall have presented a satisfactory thesis.

The Faculty will recommend for the degree of Civil Engineer any Master of Science of this University who shall have completed the course in Civil Engineering, and who shall have been engaged in professional work, in a responsible position during a period of not less than one year.
COURSES FOR THE DEGREE OF BACHELOR OF SCIENCE.

PRESCRIBED STUDIES.

FIRST YEAR.


German, if previously studied, is to be replaced by an elective.

1. COURSE IN CHEMISTRY.

SECOND YEAR.


THIRD YEAR.


FOURTH YEAR.


During each year the aggregate of prescribed and elected studies must not be less than fifteen hours per week.

2. COURSE IN PHYSICS.

SECOND YEAR.


THIRD YEAR.

3. COURSE IN BIOLOGY.

SECOND YEAR.

Biology (4): Invertebrates and Cryptogams; Lectures and Laboratory Exercises. Anatomy and Physiology (2); Lectures. Organic Chemistry (1); Lectures and Class-work. Physics (3); Experimental Lectures and Class-work. Physical Laboratory (1); Physical Measurements. German (3); same as Course in Arts. Rhetoric (1).

THIRD YEAR.

Biology (5); Comparative Anatomy of the Vertebrates. English Prose (2). French (4); same as Course in Arts.

FOURTH YEAR.

Biology (5); Advanced Work in either Zoology, Botany or Paleontology. Geology (4); Lectures during the first two terms; Le Conte. Political Economy (2). Descriptive Astronomy (3); Lectures during the third Term. Preparation of thesis for graduation.

Not less than fifteen hours per week of prescribed and elected studies must be taken in each year of the course.

4. COURSE IN ASTRONOMY.

SECOND YEAR.

Mathematics (4); Differential Calculus; Todhunter. Descriptive Geometry (3); Lectures and Draughting. Surveying (3); Physics (3); same as Course in Arts. German (3); same as Course in Arts. Rhetoric (1).

THIRD YEAR.

Observational Astronomy (6); Practice at the Observatory two days in the week. Mathematics (4); Solid Analytiques; Integral Calculus and Differential Equations. French (4); same as Course in Arts.

FOURTH YEAR.

Observational Astronomy (6); Practice at the Observatory two days in the week. Analytical Mechanics (2); Statics and Dynamics. Mathematical Physics (2); Electricity, Magnetism, etc. Political Economy (2). Geology (4); Lectures during the first two terms. Preparation of thesis for graduation.

5. COURSE IN CIVIL ENGINEERING.

SECOND YEAR.

Mathematics (4); Differential Calculus. Descriptive Geometry (3); Lectures. Draughting (1). Physics (3); same as Course in Arts. Physical Laboratory (1); Physical Measurements. German (3); same as Course in Arts. Rhetoric (1).

THIRD YEAR.

Mathematics (2); Integral Calculus and Differential Equations. Applied Mechanics and Civil Engineering (4). Draughting (3); Topography; Shades and Shadows; Perspective; Stereotomy. Surveying (3); Theory and Practice of Topography; Railroad Location and Construction. French (4); same as Course in Art.
FOURTH YEAR.


DEPARTMENTS OF INSTRUCTION.

LATIN LANGUAGE AND LITERATURE.

PROFESSOR SPROULL.

In addition to reading the works designated, each class will have regular practice in translating at sight. In the fourth-year class, selections for this purpose will be taken from authors less usually read. The students of the second and third year will prepare papers bearing upon each term’s work. Lectures will be delivered on different authors, and students will be required to pursue a systematic course of reading in Cruttwell’s History of Roman Literature.

FIRST YEAR.

Livy (Books XXI and XXII); Horace, Odes and Epodes; Cicero, De Natura Deorum: Prose Composition; Prescribed Reading in Classical Mythology. [Four times a week.]

SECOND YEAR.

Juvenal and Persius, Satires; Tacitus, Germania and Agricola; Horace, Satires and Epistles; Quintilian (Books X and XII); Prose Composition; Prescribed Reading in Roman Antiquities. [Four times a week.]

THIRD YEAR.

Seneca, Tragedies: Terence, Andria and Adelphi; Plautus, Captivi and Menaechmi; Lucretius, De Rerum Natura; Prescribed Topical Reading in Latin Literature. [Four times a week.]
FOURTH YEAR.

Studies in Biology or Palaeontology. Graduating Thesis. [Five times a week.]

During the first year and first and second terms of the second year, students work in concert, and concert work may also be required in any other part of the course.

GEOLoGY.

The instruction extends through two terms of the fourth year:

First Term.—Dynamical and Structural Geology, supplemented by a brief course of lectures on the salient facts of Historical Geology. [Four times a week.]

Second Term.—During this term the members of the class will be assigned to sections, according to their previous preparations:

Those who have previously studied Zoology will pursue a course in Palaeontology and Historical Geology, with practical exercises in palaeontological and stratigraphical determinations in the field and laboratory.

Those who have already studied Mineralogy will pursue a practical course in Lithology and Rock Analysis, designed to fit them to employ modern methods of rock determination, including also a thorough review of the facts of metamorphism and lithogenesis.

Those who are prepared in neither Zoology nor Mineralogy will take an equivalent amount of work in Biology. [Four times a week.]

CIVIL ENGINEERING.

PROFESSOR Haldwin.

The instruction in Civil Engineering is given by means of lectures, models, text-books, reading, visits to existing structures, and practice in the field, and in the drafting-room.

Programme of Studies.

The course of study is planned so as to give a thorough training in the general theory of engineering, and also to give the student facility in applying the general principles to practical problems. The whole course is so arranged as to lead the student gradually from the methods of the school to those of the practical engineer.

The additional year of study leading to the degree of Master of Science (see page 17) is earnestly recommended to the student, as giving him an opportunity of acquiring an accurate and extended knowledge of special technical subjects.

SECOND YEAR.

First Term.—Drafting—practice in tracing working drawings, and lettering. [Once a week.]

Second Term.—Drafting, tracing and lettering. [Once a week.]

Third Term.—Drafting, tracing and lettering. [Once a week.]

THIRD YEAR.

First Term.—Theory of Stresses and Strains; Strength and Elasticity of Materials. (Burr, Edly). [Four times a week.]

Land Surveying and Topography; Field Practice with Compass, Transit, Level and Plane Table; Map Drawing. (Johnson, Smith). [Three times a week.]

Shades and Shadows; Topographical Drawing. [Three times a week.]

Second Term.—Theory and Design of Bridges and Roofs. (Du Bois, Fidler). [Four times a week.]

Perspective Drawing. [Twice a week.]

Masonry and Foundations. (Baker). [Once a week.]

Theory of Railroad Location; Curves; Turnouts; Track, etc.; Map Drawing. (Wellington, Searles). [Three times a week.]

Third Term.—Cantilever, Draw, Suspension and Arch Bridges. (Du Bois, Fidler). [Four times a week.]

Stereotomy. (Mahan, Hyde). [Three times a week.]

Field Practice in Railroad Location; Plating Notes; Estimate of Quantities and Cost of Work. (Wellington, Searles). [Three times a week.]
FOURTH YEAR.

FIRST TERM.—Dynamics (Williamson and Tarlton).  [Four times a week]
Geodesy.  [Three times a week.]
Graphical Statics (Eddy).  [Once a week.]

SECOND TERM.—Water Supply and Drainage.  (Fanning, Waring).  [Four times a week.]
Dynamics.  (Williamson and Tarlton).  [Three times a week.]
Graphical Statics.  (Eddy).  [Once a week.]

THIRD TERM.—Thermo-Dynamics; Steam Generators; Steam Engines; Hydraulic Motors.  [Four times a week.]
Graphical Statics.  (Eddy).  [Once a week.]

ELECTIVE COURSES.

In addition to the prescribed studies, the following elective courses have been provided for; but no course can be chosen for a less amount than twice a week for one year.
Sanitary Engineering.
Architecture.
River and Harbor Improvements.
Thermodynamics.  (Cotterell, Eddy).

ASTRONOMY.

CINCINNATI OBSERVATORY.

ASTRONOMER FOSTER.

The Observatory of the University of Cincinnati is located at Mount Lookout, about six miles north-east of the city. The grounds comprise four acres on the summit of the hill. The building is of brick. In the center rises the massive masonry pier which supports the great equatorial of eleven inches aperture and sixteen feet focal length. In the western wing is placed the new meridian circle by Fauth & Co. This instrument has an aperture of five inches, and a focal length of seventy inches, and is supplied with all the modern improvements. The circle is divided to five minutes of arc, and read by four microscopes to single seconds. The sidereal clock, by Molyneux, is also in this wing. The eastern wing is used as a library and computing room.

The Observatory possesses also a four-inch equatorial, by Clark, a sidereal chronometer and chronograph, by Bond, and a mean-time clock, by Ritchie. The library contains about 1,600 volumes, including most of the star catalogues and many valuable works of reference.

The Observatory, in addition to the regular scientific work of such an institution, is organized with a view of providing a practical course of training for students of the University wishing to make a specialty of Astronomy. The Course of Study is given in full on page 27. During the third and fourth years a portion of the student's time will be spent at the Observatory, where he will receive instruction both in the theory and practice of observing and computing.

The Astronomer will also deliver at the University building a course of lectures on Historical and Descriptive Astronomy, for the benefit of such as do not care for the more abstruse portions of the science.  [Three times a week during the third term.]
## Hours of Lectures

<table>
<thead>
<tr>
<th>TIME</th>
<th>MONDAY</th>
<th>TUESDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.M.</td>
<td>8:30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 Latin.</td>
<td>1 Latin.</td>
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<tr>
<td></td>
<td>Old English (2d and 4th year).</td>
<td>Greek.</td>
</tr>
<tr>
<td></td>
<td>2 Descriptive Geometry.</td>
<td>2 Descriptive Geometry.</td>
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<td></td>
<td>4 Engineering.</td>
<td>2 Math. (3d year).</td>
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<tr>
<td></td>
<td>3 Engineering.</td>
<td>3 Engineering.</td>
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<td></td>
<td>9:30</td>
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<tr>
<td></td>
<td>1 Latin.</td>
<td>3 Latin.</td>
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<tr>
<td></td>
<td>3 Greek.</td>
<td>Greek.</td>
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<td></td>
<td>3 Hist. of Philosophy.</td>
<td>English Criticism.</td>
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<td></td>
<td>4 Solid Analytics.</td>
<td>History (3 B.L., 4 B.A.).</td>
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<td></td>
<td>2 Differential Calc.</td>
<td>1 Mathematics (B.S.).</td>
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<td></td>
<td>1 Mechanics.</td>
<td>4 Engineering.</td>
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<td></td>
<td>3 Engineering.</td>
<td>3 French Language.</td>
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<td></td>
<td>Hebrew and Arabic.</td>
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<td></td>
<td>4 Greek.</td>
<td>4 Greek.</td>
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<td></td>
<td>4 Comparative Philology.</td>
<td>1 German Language.</td>
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<tr>
<td></td>
<td>3 German Literature (B).</td>
<td>3 Ethics.</td>
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<tr>
<td></td>
<td>Logic (1 B.L., 3 B.A.).</td>
<td>History (2 B.L., 3 B.A.).</td>
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<tr>
<td></td>
<td>4 Astronomy (2d Term).</td>
<td>2 Differential Calc.</td>
</tr>
<tr>
<td></td>
<td>3 Masonry (2d Term).</td>
<td>3 Masonry (2d Term).</td>
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<td></td>
<td>4 Geodesy (1st Term).</td>
<td>3 Geodesy (1st Term).</td>
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<td>10:30</td>
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<tr>
<td></td>
<td>1 Greek.</td>
<td>4 Latin.</td>
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<tr>
<td></td>
<td>3 French Language.</td>
<td>Greek.</td>
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<tr>
<td></td>
<td>4 English Criticism.</td>
<td>2 German Language.</td>
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<tr>
<td></td>
<td>2 Physics.</td>
<td>4 History.</td>
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<tr>
<td></td>
<td>4 Draughting.</td>
<td>1 Astronomy (2d Term).</td>
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<tr>
<td></td>
<td>11:30</td>
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<tr>
<td></td>
<td></td>
<td>2 Latin.</td>
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<tr>
<td></td>
<td>4 Sanskrit and Modern Greek.</td>
<td>Greek.</td>
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<tr>
<td></td>
<td>3 French Language.</td>
<td>2 German Language.</td>
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<td></td>
<td>4 Political Economy.</td>
<td>4 English Poet.</td>
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<tr>
<td></td>
<td>3 Anatomy and Physiology.</td>
<td>1 English Comp. (B.S.).</td>
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<tr>
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<td>3 Surveying (2d Term).</td>
<td>Directional Calculus.</td>
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<tr>
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<td>12:30</td>
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<tr>
<td></td>
<td>3 French Literature.</td>
<td>3 French Language.</td>
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<tr>
<td></td>
<td>4 Political Economy.</td>
<td>2 Physics.</td>
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<tr>
<td></td>
<td>3 Surveying (2d Term).</td>
<td>4 Middle English.</td>
</tr>
<tr>
<td></td>
<td>Field Work in Engineering, Draughting and Biology.</td>
<td>4 Math. Physics.</td>
</tr>
<tr>
<td>P.M.</td>
<td>1:30</td>
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<tr>
<td></td>
<td>Lectures on Inorganic Chemistry.</td>
<td></td>
</tr>
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</table>

### Hours of Instruction

#### Wednesday
- 1 Latin.
- 3 Greek.
- Psychology (2 B.L., 4 B.A.).
- 2 Descriptive Geometry.
- 2 Math. (3d year).
- 3 Engineering.
- 1 German Language. Psychology (2 B.L., 4 B.A.).
- 3 Surveying (2d Term).
- 2 Rhetoric (B.S.).

#### Thursday
- 1 Latin.
- 3 Greek.
- 2 French Literature.
- 4 English Criticism.
- 3 Astronomy (2d Term).
- 3 Draughting.
- 2 Differential Calc.
- 4 Geodesy (1st Term).

#### Friday
- 1 Latin.
- 3 Greek.
- 3 German Literature (A).
- 2 Logic (1 B.L., 3 B.A.).
- 1 Mathematics (B.S.).
- 4 Astronomy (2d Term).
- 3 Masonry (2d Term).
- 4 Geodesy (1st Term).

Laboratory Work in Physics, Chemistry and Biology (of the Course) in which it is taken.
PHILOLOGICAL SOCIETY.

The Philological Society meets on the first and on the third Friday of each month, from November to April, inclusive.

The society is composed of the Professors of Languages in the University, in the High Schools and in private schools of Cincinnati, and of other persons properly qualified.

Graduate and under-graduate students may, on recommendation of the professors, be received as members.

The titles of the papers read during 1889-90 are as follows:

"The date of the extant inscription of the Columna Rostrata."
Professor Srouli.

"A proposed new rendering of paipatovis in Homer's vocabulary."
Professor Waters.

"Swift's Battle of the Books."
Professor Hart.

"An analysis of the progress of the argument of the Ars Poetica, together with a hexameter translation."
Professor Bishop.

"Hellenisms of the Satyricon of Petronius."
Professor Waters.

"An examination of Mr. Ross's argument concerning the authenticity of the Annals of Tacitus."
Professor Sikes.

Professor Cox.

"Parallelisms between Anglo-Saxon and Latin Syntax."
Allison Drake, B.A.

"The growth of Mariolatry."
Professor Hart.

"Latin Palaeography," with fac-similes of manuscripts.
Professor Srouli.

"The use of the bow among the ancients."
Professor Bishop.

"Reports of recent archaeological movements in Greece."
Professor Waters.

"Foreign words and phrases in English law."
E. G. Kinkead, B.A.

Graduates of the University.

NOTE.—The special courses in Astronomy, Biology, Chemistry, or Physics, taken by graduates in Science, are briefly indicated before the degree.

1877.


1878.


THOMAS D'AQUINO & CASTRO, C.E. State Engineer of the Province of Sao Paulo, Brazil.


JOHN LINDSEY DAVIS, M.D., Univ. of Cal. (Miami Med. Coll.), 1880. Physician, 12 Cal. Block, Los Angeles, Cal.

CHARLES ROYTON HAMMOND, B.A. Attorney, Baton, Powell Co., Kentucky.

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1879.

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WARD BALDWIN, M.E., Univ. of Cal., 1880. Director of the University 1880-1883. Professor of Engineering, University of Cincinnati, 1883.

Miles Beamer, M.E., Univ. of Cal., 1880. Waco, Texas.

FREDERICK O'DONNELL, B.A. M.A., Univ. of Cal., 1880. M.D., Univ. of Cal. (Miami Med. Coll.), 1883. Demonstrator of Histology in same. Assistant Madisonville, O.

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JOAQUIN DA SILVEIRA MELO, .................................................. C.E.
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1880.

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1881.

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1882.

ROBERT STANLY BAXKMORE, ............................................. C.E.
Engineer in the U. S. Engineer's Office, Rock Island, I11.

HOWARD BEESE, ............................................................... C.E.
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1883.

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1884.

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1885.

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1888.

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1899.

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1890.

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HARRY EDMOND WARRINGTON, C. E.

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MAX B. MAY, ‘38, President.
ELLIS G. KINNE, ‘90, Secretary.
HARRY E. WARRINGTON, ‘90, Treasurer of Alumni.
EVELYN M. PRICHARD, ‘89, Treasurer of Alumnae.

Graduate Degrees Conferred.

1877.

HERBERT A. HOWE, B. A. (University of Chicago), M. A. (Astr.)
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WILLIAM UPTON, B. A. (Brown University, 1875), M. A. (Astr.)
Professor of Astronomy, Brown University, Providence, R. I.

1880.

WARD BALDWIN, C. E. (University of Cincinnati, 1879), M. S. (Math.)
Professor of Engineering, University of Cincinnati.

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Chemist, Waco, Texas.

ALBERT STOWELL FLINT, B. A. (Harvard University, 1875), M. A. (Astr.)
Assistant Astronomer, Washburn Observatory, Madison, Wis.

FREDERICK OGDEN MARSH, B. A. (University of Cincinnati, 1879), M. A.
M.D., University of Cincinnati (Miami Medical College 1881); Demonstrator of Histology in same; Practicing Physician, Madisonville, O.

1883.

EMILY FRANCES DIVER, B. A. (University of Cincinnati, 1881), M. A. (Lat.)
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1884.

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1886.

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1887.

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1890.

SAMUEL FORMAN HUNT, A. B. and A. M. (Miami University, 1864 & 1867),
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MIAMI MEDICAL COLLEGE.

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* Died Dec. 25, 1890.