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1905 catalog (Colorado College)
requirements for BA

Course of Study

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In the College, beginning with 1906, only one degree will be given, that of Bachelor of Arts. To secure this degree the student will be required to complete a course of study consisting of (1) certain prescribed studies, (2) a specified number of hours in a major subject, (3) enough free electives to bring his work up to the total requirement of 60 hours, making an average of 15 hours a week throughout the four years.

PRESCRIBED STUDIES.*

FRESHMAN YEAR.....Mathematics A (1), A (2), A (3), 4 hours.
English B, 3 hours.

And one of the following groups:

1. Greek, Latin, and German or French.
2. Greek, German or French, and Science.
3. Latin, German or French, and Science.
4. German, French, and Science.

Each subject in the above four groups comes three times a week. The course in Science must be Chemistry, Physics, or Biology. If the student does not elect Science in the Freshman year, he must take it in the Sophomore year.

SOPHOMORE YEAR.....English C and D, 3 hours.
History, 2 hours.

JUNIOR YEAR.....Philosophy A and B, 3 hours.
Economics A, first half-year, 2 hours.

SENIOR YEAR.....Philosophy C and D, 4 hours.

MAJOR SUBJECT.

In addition to the above prescribed subjects, each student shall select a major subject, or specialty, if possible before the end of the Sophomore year, and, in any case, not later than the beginning of

*Unless otherwise stated, each course continues through the year.

Course of Study.

the Junior year. The professor in charge of the major subject will act as the student's adviser, and will have authority, with the Dean, to require the completion of work amounting to fifteen (15) hours in the major subject, or in the major subject and in such minor subjects as he shall consider necessary, or collateral, work. Mention of the major subject will be made in the diploma. M

Any one of the following may be selected by the student as his major subject: (1) Philosophy; (2) Greek; (3) Latin; (4) English; (5) German; (6) French; (7) Spanish and Italian; (8) Economics and Political Science; (9) History; (10) Mathematics; (11) Astronomy; (12) Physics; (13) Chemistry; (14) Biology; (15) Geology.

English B and C, and Mathematics A cannot be counted as part of the requisite fifteen (15) hours.

Petitions to change the major subject will be granted only when approved by the professors in charge of both the old and the new subjects, and when granted, the student will be held to all the requirements of the new major subject. In no case can the major subject be changed later than the beginning of the Senior year.

ELECTIVES.

The student shall elect from the list given below, in addition to the prescribed subjects and the major subject, a sufficient number of courses to bring the total amount of his College work up to sixty (60) hours. Of the following list of electives, not all will be given in any one year. Each continues through the year, unless it is otherwise stated.

PHILOSOPHY.—(p. 33)

Hours per week.

e. <i>Modern German Philosophy</i> ; first half-year.....	2
f. <i>The Philosophical Movement in England</i> ; second half-year.....	2
g. <i>Advanced Logic</i> ; second half-year.....	2
h. <i>Lotze</i> ; second half-year.....	2
i. <i>Seminary in Social Ethics</i> ; second half-year.....	1
j. <i>Seminary in Greek Philosophy</i> ; one half-year.....	1
k. <i>English Interpretations of Religion</i> ; second half-year....	2
l. <i>Experimental Psychology</i> ; second half-year.....	2
m. <i>Advanced Psychology</i> ; first half-year.....	2

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LAW

PROFESSOR URDAHL, MR. BABBITT, MR. HALL, MR. McALLISTER,
MR. WILLCOX.

The courses in Law are the equivalent of, and secure credit for, one year's work in the principal law schools of the country. The work has been arranged with a view to meeting the wants of students who, not intending to practice law, nevertheless desire a thorough foundation in the general principles on which Anglo-Saxon jurisprudence is based, as well as of those who intend to complete their studies and enter upon the practice of the profession.

- A. *Elementary Law*.—A general view of the whole field of law and an introduction to its terminology and fundamental ideas. In addition to a careful study of a standard text-book the student is required to do collateral reading in Blackstone's and Kent's commentaries. First half-year, 3 hours.—PROFESSOR URDAHL.
- B. *American Constitutional Law*.—The general principles of constitutional law of the United States, their interpretation and practical application; the origin and development of the written constitution in America. Recitations and lectures supplemented by a study of the leading cases on constitutional law. Second half-year, 3 hours.—PROFESSOR URDAHL.
- C. *Contracts*.—Mutual assent and the necessity of its communication; offers and their expiration or revocation; necessity of consideration; requisites of contracts under seal; rights of beneficiaries and assignees; joint and several contracts; alternative contracts; conditional contracts; illegality; impossibility; duress; discharge of contracts, or causes of action arising under them by rescission, novation, accord and satisfaction, release and other means. Texts: Anson on Contracts; Langwell's and Williston's Cases on Contracts. 2 hours. Given in 1905-1906 and every alternate year.—MR. HENRY McALLISTER, JR.
- D. *Torts*.—The nature of Torts; historical development; principles of liability; limitation of personal capacity; effect of a party's death; liability for the torts of agents and servants; general exceptions, inevitable accident, leave and license, ne-

cessity and self-defense; remedies; assault and battery; imprisonment; the family and business relations; defamation; wrongs of fraud and malice; wrongs to possession and property; trespass, waste, conversion, justification and excuse; nuisance; negligence, contributory negligence; special relations of contract and tort. Texts: Webb's Pollock on Torts; Ames and Smith's Cases on Torts. 2 hours. Not given in 1905-1906.—MR. O. B. WILLCOX.

- E. *Domestic Relations and the Law of Persons*.—Infancy; period of infancy; voidable acts, disaffirmance, ratification; contracts for necessities; obligations created or authorized by law; liability for tort; guardian and ward. Marriage: promise to marry; marriage contract at common law and under statutes; rights of husband and wife in each other's property; status of married women; transactions between husband and wife; torts affecting marital relations; separation; divorce. Parent and child; custody, service and earnings. Texts: Tiffany on Domestic Relations, Woodruff's Cases on Domestic Relations. 2 hours. Given in 1905-1906 and every alternate year.—MR. K. R. BABBITT.
- F. *Property*.—Real and personal property; ownership of land; natural servitudes; easements; covenants as to use; public rights; franchises; rents, tenures; uses and trusts; joint ownership; estates; remainders, executory limitations; common law assurances and conveyances under the Statute of Uses. Texts: 207 to 508, Chase's Blackstone; Gray's Cases on Property. 2 hours. Not given in 1905-1906.—MR. HENRY C. HALL.

MATHEMATICS

PROFESSOR CAJORI, MR. BIRCHBY AND MISS HUBBARD.

- A. (1.) *Algebra*.—Series; The Binomial Theorem; Logarithms. Undetermined Coefficients; Theory of Equations. 4 hours till January.
- A. (2.) *Solid and Spherical Geometry*.—Planes and lines in Space; Polyhedra, the Cylinder, Cone and Sphere; Spherical Triangles. Second half-year, 2 hours.

1905 catalog
Math section

1905

See reverse

- A. (3.) *Plane Trigonometry*.—The functions of one and two angles; the solution of triangles; simple applications. 4 hours during January. Second half-year, 2 hours.
- A. (4.) *Spherical Trigonometry*.—Second half-year, 2 hours.
- B. (1.) *Analytical Geometry (Elementary)*.—Plane Loci of first and second order. First half-year, 3 hours.
- B. (2.) *Analytical Geometry (More Advanced)*.—More thorough study of plane loci, some attention being given to modern methods. Second half-year, 3 hours.
- C. *Calculus, Differential and Integral*.—First half-year, 3 hours. Second half-year, 4 hours.
- D. *History and Logic of Mathematics*.—This course is planned especially for those who are fitting themselves to be teachers of Mathematics. One half-year, 2 hours.
- E. **Modern Methods in Geometry*.—One half-year, 3 hours.
- F. **Theory of Equations*.—One half-year, 3 hours.
- H. **Determinants*.—One half-year, 2 hours.
- J. *Theoretical Mechanics*.—Prerequisite, course C. This course is intended especially for students of engineering and mathematical physics. 4 hours.
- I. *Elementary Surveying*.—Field work and computation. Fee \$4. Second half-year. 6 hours, field work; 2 hours, recitation (counting as 3 hours).

ASTRONOMY

PROFESSOR LOUD.

- A. *Elementary Astronomy*.—The descriptive, rather than the mathematical side of Astronomy, is emphasized. Text: Young's *Manual of Astronomy*. Essays are required. Second half-year, 3 hours.
- B. *Observations and Computations*.—Prerequisite, Mathematics A (3). Astronomy A is recommended in preparation. The student is expected to make free use of the telescope and

*Of Courses E, F, and H only one or two are given in any one year.

transit instrument, and to use his observations in the solution of simple problems. First half-year, 3 hours (including the observatory work counted as laboratory periods.)

Celestial Mechanics.—The work of Moulton is used as a textbook. Prerequisite, Differential and Integral Calculus. 2 hours. First half-year or throughout the year.

Elementary Meteorology.—Prerequisite, Elementary Physics. Text: Davis' *Elementary Meteorology*. Second half-year, 3 hours.

Field Astronomy for Engineers.—Comstock's work of this title is used as a text. Second half-year, 3 hours.

Stellar Photography.—For this course the instruments placed by the Harvard College Observatory in the station near Colorado Springs, are available. One half-year.

PHYSICS

PROFESSOR SHEDD.

All of the courses offered in this department are undergraduate courses. The aim is: (I.) To give an elementary knowledge of the fundamental principles of the subjects studied. To this class belong courses A, B, and H. (II.) To give a working knowledge to those expecting to teach. For this purpose there are offered, on the theoretical side, courses C and G; on the experimental side, course D. (III.) To meet the needs of the student of pure science. To this class belong courses E and K.

A. A general course. Three lectures per week, one recitation, 2 hours' laboratory work. Counts 3 hours.

First half-year—Mechanics, Heat, Sound.

Second half-year.—Light, Magnetism and Electricity.

B. Lectures and recitation as in Course A. Laboratory work four hours per week. Counts 4 hours. Those preparing to teach are advised to take this course.

H. *General Physics*.—This course is similar to Course B, except that the experiments are especially selected for engineering students. Counts 4 hours.