### COURSE OF STUDY.

HONOR COURSE. A brief study of Analytic Mechanics. Applications of the Calculus to the solution of problems in Physics.

# ASTRONOMY.

# Elective for Juniors and Seniors.

A recitation course in general descriptive Astronomy, supplemented by occasional lectures. An attempt is made to stimulate personal observation, and frequent visits are made to the Observatory. The previous study of elective courses in Mathematics is not necessary, but a knowledge of Analytic Geometry is desirable. (Young's General Astronomy.) One hour a week.

## VIII.-CHEMISTRY, GEOLOGY AND MINERALOGY.

#### Freshman Class.

### First Half Year.

CHEMISTRY. Storer and Lindsay's Manual. Non-metallic Elements and Carbon Compounds. Three hours a week.

## Second Half Year.

CHEMISTRY AND BIOLOGY. Storer and Lindsay's Manual. Metallic Elements. Dawson's Zoology, with lectures. Three hours a week.

#### Junior Class.

GEOLOGY AND MINERALOGY.

- (a) The Chemical Composition and Physical Properties of common Rocks and Minerals, and the determination of these by chemical and physical tests. Crosby's Determinative Mineralogy.
- (b) Physiography, Dynamical and Historical Geology, as contained in LeConte's Text-book, or an equivalent.

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in the laboratory, ods and principles sted to the study of fainder of the year constants as specific sistance, etc. The Gee are used. A purse. Six hours a 25