

VII Physics and Astronomy.

SOPHOMORE CLASS

General Physics. The instruction includes lectures with experimental demonstrations, oral and written recitations. The first half year is devoted to elementary dynamics, the properties of solid and fluid bodies, sound and heat; the second half year to light, electricity and magnetism. Students are expected to read in connection with the lectures Balfour Stewart's Lessons in Elementary Physics. *Three hours a week.*

JUNIOR CLASS (Elective)

The subjects studied in this class are those prescribed for the first year's class, but they are treated in a less elementary manner. In 1896-97 selections will be made from the following:—The Theory of Heat, Maxwell; Sound and Music, Taylor; Maxwell's Elementary Treatise on Electricity.

SENIOR CLASS, (Elective)

Practical Physics. A series of measurements in the laboratory, together with lectures on the methods and principles involved. The first half year is devoted to the study of general physical processes and the remainder of the year to the determination of such physical constants as specific heat, electromotive force, electrical resistance, etc. The manuals of Sabine and of Stuart and Gee are used. A fee of five dollars is charged for the course. *Six hours a week during the year.*