

COURSE IN PHYSICS.

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(a) Mathematical Theory of Sound.
(b) Thermo-dynamics (Clausius).
(c) Mathematical Theory of Electricity and Magnetism, based upon Maxwell.

HALF COURSES IN GEOLOGY, MINERALOGY,
ZOOLOGY AND BOTANY.

I.

- II.
(a) Dynamical Geology (Le Conte, Geikie).
(b) Read Judd on Volcanoes and Review.
(c) Account for and describe the Surface Geology of King's Co., N. S., or equivalent.

II.

- (a) Historical Geology (Le Conte, Geikie).
(b) Review Honeyman's Labors and Writings, or Dawson's.
(c) Palæontology of N. S.

III.

- (a) Physical Mineralogy (E. S. Dana).
(b) Describe the Minerals and Ores of N. S., making a collection of 50.
(c) Determine by Physical and Chemical tests 30 species.

IV.

- (a) Descriptive Zoology (A. S. Packard).
(b) Dissect and describe 7 typical forms of animal life.
(c) Fauna of N. S.

V.

Principles of Botany, Gray. Collect species representing all the orders in N. S. Describe the Flora of N. S.