

SCIENCE.—Continued.

Analysis and Classification. The Morphology and Physiology of Plants. Nutrition and Energy. Life. Evolution. Comparative Zoology. Human Physiology and Outlines of Anatomy.

Lectures are illustrated by Monocular and Projection Microscope, the Lawson Herbarium, and Physiological Manikin.

Books of Reference: Bessey's Botany, Martin's Human Body, Wesley Mill's Comparative Physiology, Sedgwick and Wilson's Biology, Schäfer's Histology, Wilson's The Cell in Development and Inheritance.

Senior Year (Elective.)

MINERALOGY—Lectures on the Physical and Chemical Characteristics of Minerals, the Study of 108 Crystal Models, and Laboratory Work in Blowpipe Analysis, Research Methods followed throughout.

Books of Reference: Williams's Crystallography, Dana's Mineralogy.

GEOLOGY—Lectures on Geological Forces and History, with determination of hand specimens of minerals and rocks. One thesis necessitating reference to Geological Reports will be required. (Three hours a week.)

Text-Book: Geikie's Class-Book of Geology.

Books of Reference: LeConte's Geology, American and Canadian Geological Reports.

HONOR COURSE.**Sophomore Year.**

PHYSICS—Laboratory Work in Physical Measurements, Manufacture of simple Apparatus and additional reading in Electricity and Magnetism.

Text-Books: Lachute's Physics, Stewart and Gee's Practical Physics, Earl's Physical Measurement.

Junior Year.

CHEMISTRY—Experiments in Physical Chemistry, Qualitative Analysis, Volumetric Analysis, Assaying with Blowpipe and Furnace. Prescott and Johnson's Qualitative Chemical Analysis. Hartley's Quantitative Analysis. Oswald's Outlines of General Chemistry. Rickett's Notes on Assaying, or Brown on Assaying.

Books of Reference: Watt's Dictionary of Chemistry and Fresenius's Qualitative and Quantitative Analysis.