

SCIENCE.—*Continued.***CHEMISTRY.**

Lectures on Atomic Theory, the Occurrence, Properties and Natural Classification of the Chemical Elements, with special reference to typical elements and compounds and the principles of Analysis. Text Book, Shepard's *Inorganic Chemistry* with *Organic Supplement*. Laboratory Work each week, with careful note-taking.

Books of Reference—Cook's *New Chemistry*, Mendelljeef's *Principles of Chemistry*, and Ramsay's *System of Inorganic Chemistry*.

(Four hours a week during second term.)

CHEMISTRY.

THIRD YEAR—Lectures on the Laws governing the Periodicity of the Physical and Chemical Properties of the Elements, Structural and Organic Chemistry. Laboratory Work in Qualitative Analysis. Text Books, Coit's *Chemical Arithmetic* and Remsen's *Inorganic Chemistry*.

Books of Reference—Remsen's *Organic Chemistry*, Roscoe and Schorlemmer's *Treatise on Chemistry* and Fresenius' *Qualitative Analysis*.

(Three hours a week.)

PHYSIOLOGY.

Lectures on Human and Comparative Physiology, illustrated with skeleton and manikin and projection Microscope. Text Book, Martin's *Human Body*.

Books of Reference—Wesley Mills' *Comparative Physiology*, and Schäfer's *Histology*.

(Three hours a week.)

MINERALOGY.

FOURTH YEAR—Lectures on the Physical and Chemical Characteristics of Minerals, Study of 108 Crystal Models, and Laboratory Work in Blowpipe Analysis.

(Four hours a week.)