

§ 7.

NATURAL HISTORY,

Including Zoology and Botany.

Professor—H. A. NICHOLSON, M.D., D.Sc., M.A., Ph.D.

Two courses of Lectures are given in this department: an introductory course for Matriculated Students of the First Year, and a detailed course for Matriculated Students of the Third Year.

I.—Introductory Course on Zoology and Botany.

This course comprehends the elements of Physiology, with a general view of the structure and arrangement of the Animal Kingdom, and the elements of Structural Botany.

(*Text-books*: Nicholson's Text-book of Zoology; Huxley's Elements of Physiology; Gray's How Plants Grow.)

Candidates for Honors are required to shew a detailed knowledge of the subjects treated of in the general course,—special attention being paid to Zoology and Comparative Anatomy.

(*Books of Reference*: Owen's Lectures on Comparative Anatomy; Nicholson's Introduction to the Study of Biology.)

II.—Detailed Course on Zoology and Botany.

In this course a detailed account will be given of the structure and classification of the Animal Kingdom, all the more important groups being treated of separately, as regards their morphology, systematic position, distribution in space, and chief illustrative examples. In Botany, the course will treat of the Morphology and Physiology of Plants, with a general view of the Classification of the Vegetable Kingdom.

(*Text-books*: Nicholson's Manual of Zoology; Balfour's Outlines of Botany, or Brown's Text-book of Botany.)

Candidates for Honors will be required to shew a special acquaintance with Systematic Zoology and Vegetable Organography, together with a detailed knowledge of the subjects taught in the general course.

(*Books of Reference*: Rolleston's Forms of Animal Life; Jones's Animal Kingdom; Gray's Manual of Botany.)