

B. Geology, Palæontology, and Physical Geography.

B, 1. The Fundamental Principles of Geology.

B, 2. Palæontology, or the Natural History and Geological Applications of Organic Remains.

B, 3. Chronological and Descriptive Geology.

B, 4. Physical Geography, or the Earth in its present aspect and conditions.

II.—Additional Course for Candidates for Honors.

A. Application of Trigonometry to the calculation of Chrystal Axes and Angles.

B. Geology of Canada, embracing the various Provinces of the Dominion.

(*Books of Reference* : Dana's System of Mineralogy, 4th ed. ; Dana's Manual of Geology ; Lyell's Elements and Principles of Geology ; Murchison's Siluria ; Chapman's Outline of the Geology of Canada ; Johnston's Quarto Atlas of Physical Geography ; Synopsis of Professor Chapman's Lectures ; Professor Chapman's Examples of the Application of Trigonometry to the calculation of Crystal Axes)

. In addition to the regular courses, a separate course of elementary and practical Lectures, on the *Minerals and Geology of Canada*, is given during the months of February and March. This course is especially intended to meet the requirements of Provincial Land Surveyors and Mining Engineers.