

Students are required to provide themselves with a copy of W. B. Scott's "An Introduction to Geology" (The Macmillan Co., price \$1.90,) which is used as a text-book.

Books for Reference:

- Kemp's "Hand-book of Rocks," (price \$1.50.)
- LeConte's Compend of Geology.
- Dana's Manual of Geology (last edition.)
- Chapman's Minerals and Geology of Ontario and Quebec.

Third Year.

GEOLOGY,

Before taking this class, students must have passed in geology of the second year.

In this course special attention will be given to stratigraphical geology and the geology of Canada. Type fossils of the different formations will be studied.

Text-books and books for Reference:

- Chapman's Minerals and Geology of Ontario and Quebec.
- Dawson's Geology of Canada.
- Dana's Manual of Geology.
- Wood's Elementary Palæontology.
- Geological Survey Reports of Canada.

PETROGRAPHY.

Candidates must have passed in second year geology and systematic mineralogy.

This Course will consist of lectures on the use of the petrographical microscope and accessories in the determination of the rock-forming minerals, together with the determination of some of the more common igneous rocks.

The lectures will be illustrated by means of microscopic projections of thin sections of minerals and rocks, and will be supplemented by a large amount of laboratory work.

A considerable variety of dyke rocks occurs in the Kingston district. These will be studied in the field, and specimens will be collected by each student for examination in the laboratory.

Boxes for holding slides and material used in the preparation of thin sections may be obtained from the Janitor.

Each student must provide himself with a copy of Kemp's Hand-book of Rocks (price \$1.50.) and a copy of Luquer's Minerals in Rock Sections.

Text-books and Books for Reference:

- Rosenbusch—Iddings' Microscopical Physiography of Rock-Forming Minerals.
- Löwinson-Lessing's Tables for the Determination of the Rock-Forming Minerals.
- Hatch's Petrology.
- Harker's Petrology for Students.