

2. Advanced Course.—Mineralogy and Crystallography.
Geology and Paleontology.
Mathematics of Crystallography.
Physical Geography.
Geology and Paleontology of Canada.

Text-books and Books of Reference.—Chapman's Heads of Lectures.

Dana's System of Mineralogy.

Chapman's Outline of the Geology
of Canada, 1876.

Nicholson's Paleontology.

PRACTICAL COURSES (in School of Science).

1. Blowpipe Practice.—Chapman's Outline of Blowpipe Practice.
Fee, \$10.
2. Blowpipe Analysis (Plattner's Treatise), Determinative Mineralogy
(Brush or von Kobell's tables). Economic Minerals of Ontario.
Kerl's Leitfaden bei qual. u. quant. Löthrohr-Untersuchungen, 2te
Aufl.
Fee, \$15.
3. Assaying.—Mitchell's Assaying, by Crooks.
Kerl's Probirkunst.
Fee, \$50.
4. Mining Geology.—Chapman's Synopsis of Mining Geology.
Fee, \$20.

IV. BIOLOGY.

LECTURES (in University College).

1. Elementary Biology inclusive of Rudiments of Animal and Vegetable
Morphology and Physiology.

Text-books.—Thomé's Botany,
Huxley's Physiology,
McAllister's Animal Morphology.