

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.—Dana's System of Mineralogy.
 Chapman's Outline of the Geology of
 Canada, 1876.
 Nicholson's Paleontology.
 Chapman's Synopsis.

PRACTICAL COURSES.

1. Use of Blowpipe—Chapman's Blowpipe Practice.
 Fee, \$10.
2. Blowpipe Analysis, Determinative Mineralogy. Economic Minerals
 of Canada.
 Keral's Leitfaden bei qual. u. quant. Lothrohr-Untersuchungen, etc.
 Aufl. 2. Plattner's Blowpipe Treatise. Von Kobell's Tafeln. Chapman's
 Mineral Tables.
 \$15.
3. Assaying.—Mitchell's Assaying, by Crooks.
 Kerl's Probirkunst.
 Chapman's Assay Notes.
 Fee, \$50.
4. Mining Geology.—*Books of Reference*—Burat's Géologie Appliquée
 and Cours d'Exploitation des Mines. Niederist's Bergbaukunde. Von
 Cotta's Erzlagertatten.
 Fee, \$20.

IV. BIOLOGY.

Those students of the School of Practical Science who are required to
 take Biology as part of their course join the Arts Classes of the University
 of Toronto, which will be conducted henceforward in the New Building
 of the University Biological Department.

The following is the University Course in Biology for Arts Students.
 That for Medical Students will be found in the Calendar of the Medical
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