

Second Year.

PASS WORK.

Elements of Mineralogy. Rudiments of Physical Geography, Palæontology and Geology.

HONOR WORK.

Crystallography, Blowpipe Practice.

Third Year

HONOR WORK.

Practical Determination of Minerals. Economic Minerals of Canada. Palæontology. Spectrum Analysis in Mineral Examinations.

Fourth Year.

PASS WORK.

Mineralogy and Crystallography. Physical Geography, Geology, and Palæontology.

HONOR WORK.

Mathematics of Crystallography. Geology and Palæontology of Canada. Mining Geology. Assaying.

Books of Reference: SECOND YEAR—Dana's Manual of Mineralogy. Dana's Text Book of Geology. Chapman's Mineralogy and Geology of Canada, 2nd ed. Page's Physical Geography. Johnston's Elementary Physical Atlas. Chapman's Outline of Blowpipe Practice. THIRD YEAR—Chapman's Mineral Tables. Tables for the Determination of Minerals by Brush or Von Kobell. Chapman's Synopsis of Palæontology. FOURTH YEAR—Dana's System of Mineralogy, 4th ed. Chapman's Outline of the Geology of Canada (1876). Nicholson's Manual of Palæontology. Chapman's Synopsis of Palæontology. Kerl's Probirkunst, or Mitchell's Assaying by Crookes. Chapman's Assay Notes.

Students taking Practical Work in this Department are required to provide themselves with necessary apparatus, (apart from furnaces, balances, &c.) Students of the Second Year must be provided with a set of Blowpipe Apparatus.