

SECTION IV.—COURSE OF STUDY IN CIVIL ENGINEERING (a).

FIRST YEAR.

Mathematics and † Natural Philosophy ; ‡ English ; † French ; † History ; † Chemistry and Chemical Physics ; † Elementary Mineralogy, Geology, and Physical Geography.

Students of the 1st year attend Lectures on the subjects marked †, with Students in Arts of the 2nd year, and on the subjects marked ‡, with Students in Arts of the 1st year.

SECOND YEAR.

Mathematics and † Natural Philosophy ; ‡ English ; † French ; † History ; † Applied Chemistry ; * Mineralogy, Geology, and Physical Geography.

Students of the 2nd year attend Lectures on the subject marked *, with Students in Arts of the 4th year, on the subjects marked †, with Students in Arts of the 3rd year, and on the subjects marked ‡, with Students in Arts of the 2nd year.

The following additional subjects are required for the diploma, given by the University: in 1st year, Geodesy and Drawing, and in 2nd year, Civil Engineering, including principles of Architecture and Engineering Finance, Practical use of Instruments, and Drawing.

(a) SUBJECTS APPOINTED BY THE UNIVERSITY OF TORONTO FOR CANDIDATES FOR MATRICULATION IN CIVIL ENGINEERING.

MATHEMATICS.

Arithmetic.
Algebra. (Colenso's.)
Euclid, Bb. I., II., III., IV.; definitions of Bb. V. & VI. (Colenso's edition of Simpson's.)
Nature and use of Logarithms. (Colenso's.)
Plane Trigonometry as far as Plane Triangles. (Colenso's.)

ENGLISH.

Grammar and Composition.

FRENCH.

Grammar.

Voltaire, Histoire de Charles XII.

HISTORY AND GEOGRAPHY.

Outlines of English History to the present time. (Chambers's History of the British Empire.)
Outlines of Modern Geography.
Geography of the British Empire, including her Colonies.

DRAWING.