

Hydraulic Engineering; with Mathematics, Physics, Natural Science and Modern Languages.

The course will extend over three years, and will lead to the degree of Graduate in Civil Engineering.

2. MINING, ENGINEERING AND ASSAYING.

Including Drawing, Surveying, and Engineering in part, with practical Geology, Mining, Mineralogy and Assaying; and similar studies in Mathematics, Physics, Natural Science and Modern Languages with those in the course of Engineering. This course will extend over three years, and will lead to the Degree of Graduate in Mining, Engineering and Assaying

3. PRACTICAL CHEMISTRY AND ASSAYING.

Students desirous to take this course, may substitute in the Middle Year Practical Chemistry for Engineering, and in the second year, an advanced course of Mineral Analysis and Assaying.

Students taking either of the above courses, may receive instruction in Meteorological and Magnetical observations from Dr. Smallwood, in the College Observatory.

Exemptions will be provided to enable Undergraduates in Arts to take the classes in the above courses, along with the studies of the two last years in Arts.

The subjects for Matriculation in the First Year will be :

In Mathematics.—Arithmetic; Algebra, to Simple Equations inclusive; Euclid's Elements, Books, I., II., III.

In English.—Writing from Dictation.

Students may enter in the Middle Year of the course, if competent to pass an examination in the following subjects, in addition to the English mentioned above :—

In Mathematics.

Euclid.—Books I., II., III., IV., VI., with Defs. of Book V. (omitting propositions 27, 28, 29, of Book VI).

Algebra.—To end of Quadratic Equations (Colenso's Alg.)

Trigonometry.—Galbraith & Haughton's Trigonometry, Chaps. 1, 2, 3, 4, 6, to beginning of numerical solution of plane triangles.

Arithmetic.—Ordinary Rules.—Proportion, Interest, Discount, &c., Vulgar and Decimal Fractions, Square Root.

Further details will be made known by special advertisement.

Fees.—For the course of Engineering, Mining Engineering, or Chemistry and Assaying, \$25.

Sessional Fee for the other classes, \$20.

For the Library \$2.

Matriculation Fee [in the first year only] \$4.—

Graduation Fee.—\$10.