

(3.) DEPARTMENT OF ANALYTICAL AND APPLIED CHEMISTRY.

This course is intended to render the student proficient in all the methods of Analytical Chemistry, and to fit him for such positions as that of Public Analyst, Consulting Chemist in regard to manufactures, or Resident Chemist in manufactories where such is required.

SUBJECTS OF FIRST YEAR :

1. Mathematics and Plane Trigonometry.
2. Natural Philosophy with work in the Laboratory.
3. Elementary Biology.
4. Elementary Chemistry with work in the Laboratory.

SUBJECTS OF SECOND YEAR :

1. Elementary Mineralogy and Geology.
2. Blowpipe practice and Assaying.
3. Laboratory work in Qualitative, Quantitative and Volumetric Analysis.

SUBJECTS OF THIRD YEAR :

1. Applied Chemistry.
 2. Organic Chemistry.
 3. Laboratory Work, including Technical Analysis, Quantitative Mineral Analysis, a prescribed course in Physiological Chemistry, and in Chemistry in its relations to Hygiene and Forensic Medicine.
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