

3. Historical Development of the Theories of Chemistry.

Books of Reference.—A Dictionary of Chemistry, by H. Watts.

Die Moderne Theorien der Chemie—A. Meyer.

Geschichte der Chemie—H. Kopp.

History of Chemistry—Thomson.

4. Applied Chemistry.

Building Materials. Paints and Preservation of Wood, Iron and Stone. Explosives. Artificial Lighting. Fuel and Furnaces.

Metallurgy. Water Supply and Sewage.

PRACTICAL WORK IN THE LABORATORY.

1. Qualitative Analysis.

Text-books.—Qualitative Analysis—Fresenius.

Qualitative Analysis—Douglas and Prescott.

Practical Chemistry—Jones.

Fee, \$10 per annum.

2. Quantitative Analysis.

Text-books.—Quantitative Analysis—Fresenius.

For Reference—Volumetric Analysis—Sutton.

Volumetric Analysis—Fleischer.

Gasometrische Methoden—Bunsen.

Titrimetrische Methoden—Mohr.

Fee, \$50.

3. Special Analytical Courses required for the Diplomas in the Departments of Engineering and Analytical and Applied Chemistry.

Fee, \$10.

4. Physiological Chemistry.

Text-book.—Hand-book for the Physiological Laboratory, Dr. Lauder-Brunton, pp. 421, 572.

For Reference—Hoppe-Seyler.

Neubauer and Vogel.

Fee, \$10.