

ITALIAN.

*Manzoni, I Promessi Sposi, I.-XX.; *Tasso, Gerusalemme Liberata, Canto XII.; *Dante, Inferno, Cantos I. to VII. inclusive; *Alfieri, Agamemnone; *Goldoni, Il Burbero Benefico; *Translation from English into Italian; *History of Italian Literature—(Sismondi's Literature of the South of Europe, as far as Chap. XV.)

SPANISH.

*Grammar (De Vere's); *Quintana, Vida del Cid, and El Gran Capitan; *Moratin, El Si de las Niñas; *Translation from English into Spanish; *History of Spanish Literature (Sismondi's Literature of the South of Europe, to Chap. XXIX. inclusive); *Comparison of Etymological and Grammatical Forms in Latin, Provençal, French, Italian, and Spanish (Sir G. C. Lewis's Origin and Formation of the Romance Languages.)

§ 6

CHEMISTRY.

Professor :—H. H. CROFT, D.C.L.

Subjects of Lectures :—

Third Year.**CHEMISTRY AND CHEMICAL PHYSICS.**

Origin and History of Chemistry—connection with other sciences.

General properties of matter—adhesion and cohesion—crystallization—specific gravity, &c.

Heat—Expansion—thermometers—ventilation—change of state of aggregation—vapors.

Light—as a chemical agent—photography, &c.

Static Electricity—Galvanism—Magnetism—Electro-magnetism.

Electric Telegraph, Thunderstorms, &c.

Chemical affinity—nomenclature—law of equivalents—atomic theory.

Non-metallic elements—their combinations.

Organic Chemistry.

Application of Chemistry to Agriculture and to Physiology.

* Only for Candidates for Honors.