

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, as far as Chap. XXX.); *Comparison of Etymological and Grammatical Forms in Latin, Provençal, French, Italian, and Spanish (Sir G. Cornwall, *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.
 Statical Electricity—Galvanism—Magnetism—Electro-Magnetism.
 Electric Telegraph—Thunder storms, &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.