

IV. MATHEMATICS AND MATHEMATICAL PHYSICS:

ALGEBRA.—Trigonometry, Plane and Spherical; Theory of Equations; Easier Parts of Analytical Solid Geometry; Newton's Principia, Sections 1, 2 and 3; Differential Calculus, including Maxima and Minima; Integral Calculus; Mechanics, Statics and Dynamics; Hydrostatics; Geometrical Optics; Astronomy. Acoustics or Electricity may be substituted for Astronomy.

V. NATURAL SCIENCE:

ANALYTICAL CHEMISTRY, *advanced course*: (Jones' Junior Course of Practical Chemistry and Fresenius' Manuals); Geology, *advanced course*; Palæontology (Nicholson's Manuals); Mineralogy, including Blow-pipe Analysis (Dana's and Brush's Manuals); Field Geology (Geikie's Outlines).

The scientific collections of the College are available for study, and these are supplemented, when necessary, by the Professor's collections. Excursions for field work will be made when practicable.

VI. MODERN LANGUAGES.—FRENCH OR GERMAN:

FRENCH.

Les plus grands auteurs du XIX^e siècle, par A. Fortier. (D. C. Heath & Co.). La chute d'un ange, par Lamartine. (Extraits). Hernani, par Victor Hugo. (Extraits). Louis XIII. et Richelieu (Cing-Mars), Alfred de Vigny. Il faut qu'une porte soit ouverte ou fermée, par Alfred de Musset. Atvatar, par Théophile Gautier. Chardenal's exercises on French idioms. (Hachette & Co). Essays.

GERMAN.

Either of the following two courses:

Course A.—Goethe's Meisterwerke, by Bernhardt (D. C. Heath & Co.) Extracts. Schiller's Meisterwerke, by Bernhardt (D. C. Heath & Co.) Extracts. Extracts of the works of H. Heine and J. P. Richter. Neuste Litteratur: Wildebruch's: Das neue Gebot, Sudermann's Heimath, Gerh. Hauptmann: Die versunkene Glocke. Essays.

Course B.—Wright's Old (High German and Middle High German Primer. Musterstücke aus der altdutschen Zeit im Ur-Text (Carla Wenckebach). Musterstücke aus der mittelhoch-deutschen Zeit im Ur-Text (Kurz). Bernhardt's Gothische Grammatik. Auszüge aus Ulfilas Bibel Uebersetzung.