

NATURAL SCIENCES.

Chemistry.

Elements of Chemistry. (Chambers' Educational course.)

Natural History.

Structure and arrangement of Lamellibranchiate and Gasteropodous Mollusks. (Woodward's Rudimentary Treatise on Recent and Fossil Shells.)
Structure and arrangement of Birds. (Adam White's Popular History of Birds.)
Elements of Vegetable Physiology. (Lindley's School Botany; Physiological Aphorisms.)

ORIENTAL LANGUAGES.*

Hebrew.

Grammar, from the beginning to the end of irregular verbs (Gesenius.)
Genesis, chaps. I. II. III. IV. and V.
Psalms, I. II. III. IV. and V.
History of the Hebrew Language and Literature.

SECOND YEAR.

GREEK AND LATIN LANGUAGES.

Homer, Iliad B. XXI. Horace, Epodes.
Homer, Odyssey B. XII. Cicero, pro Milone, pro Archia, and
Demosthenes, Philippics. pro Ligario.
Translation from English into Latin verse.

MATHEMATICS.

Analytical Conic Sections. (Hymers' or Todhunter's.)
Newton's Principia, section I. (Evans' edition.)
Rudiments of Diff. and Integral Calculus. (De Morgan's, Hemming's, or Todhunter's.)

(Fundamental rules and theorems for a single independent variable and application to plane curves.)

Newton's Principia, sections II. and III. (Evans' edition.)

MODERN LANGUAGES.

English.

Analysis of one of Shakespeare's Plays. (1858, Julius Caesar; 1859, Merchant of Venice; 1860, Hamlet; 1861, Macbeth; 1862, King Lear.)
Etymology and Synonyms. (Books of reference—Whately's Etymology; Trench's English Language, Past and Present; and Study of Words.)

French.

Racine, Iphigénie.
Molière, Le Misanthrope.

German.

Translation from English into German.
Schiller, Wilhelm Tell.

HISTORY.

European History from Charles V. to the American Revolution.

NATURAL SCIENCES.

Chemistry.

Chemistry and Chemical Physics. (Fownes' Elements of Chemistry; Gregory's Hand-Book of Inorganic Chemistry; Lardner's Hand-Book of Heat and Electricity, or Miller's Chemical Physics.)

Mineralogy and Geology.

Rudiments of Crystallography.
Elementary principles of Palæontology.
Elements of Physical Geography.
(Dana's Manual; Johnston's Elementary Atlas of Physical Geography; Synopsis of Professor Chapman's lectures.)

LOGIC, ETHICS, AND METAPHYSICS.

Whately's Logic.

Tenneman's History of Philosophy—Morell's edition.

A candidate for Honors in any department, who has obtained Honors in the University, in his first year, is not required in other departments to pass an examination in any branch in which he has already been examined in his first year; but having only been examined in pure Mathematics in his first year, he must also take applied Mathematics this year.

ORIENTAL LANGUAGES.*

Hebrew.

Grammar, continued to the end of Syntax.
Genesis, chap. XXXVII. to the end of the Book.
Psalms VI. to XXV.
Lowth's Lectures on Hebrew Poetry.

THIRD YEAR.

GREEK AND LATIN LANGUAGES.

Æschylus, Prometheus. Terence, Phormio.
Sophocles, Œdipus Coloneus. Cicero, pro Lege Manilia, and Phil. II.
Euripides, Hecuba. Livy, B. XXI.
Plato, Apology. Tacitus, Annals, B. I.
Translation into Greek Prose and Latin Verse.

* Optional Department.

MATHEMATICS.

Differential and Integral Calculus. (De Morgan's for reference.)
Analytical Geometry of two and three dimensions. (Salmon's and Hymers'.)

Theory of Algebraic Equations. (Hymers'.)

Analytical Statics. (Todhunter's.)

Dynamics of a Particle. (Sandeman's.)

Geometrical Optics. (Griffin's.)

Hydrostatics. (Miller's.)

MODERN LANGUAGES.

French.

Rotrou, Venceslas.
Boileau, l'Art Poétique.

German.

Composition on a given subject.
Wieland, Geschichte der Abderiten, B. I.
Goethe, Iphigenie auf Tauris.

Italian.

Grammar.
Goldoni, Il Burbero Benefico.

It is not essential in order to be placed in the first class in Modern Languages that a Student should take French, German, and Italian, but he may take any two of them at his option.

HISTORY.

European History from the American Revolution.

Ancient and Modern Ethnology. (Latham's Ethnology of Europe—Books which may be consulted—Fritchard's Researches into the Physical History of Man; Newman's Regal Rome; Latham's Ethnology of British Isles; Niebuhr's Ethnography.)

NATURAL SCIENCES.

Chemistry.

Applied Chemistry. (Knapp's Technology.)

Natural History.

General and Comparative Physiology.

View of the Animal Kingdom.

Vegetable Organography and Physiology.

View of the Vegetable Kingdom.

(Books which may be consulted—Agassiz and Gould's Comparative Physiology; Jones' Animal Kingdom; Carpenter's Zoology; Gray's Botanical Text-Book; Balfour's Class-Book of Botany.)

ETHICS, METAPHYSICS, AND CIVIL POLITY.

Ethics and Metaphysics.

Descartes, Method, Meditations, and Principles.

Locke, B. I., with Cousin's Critique on Locke.

Stewart's Dissertation on the History of Intellectual Philosophy.

Macintosh's Dissertation on the Progress of Ethical Science.

Civil Polity.

Burmalaqui, Natural Law.

Senior's Outlines of Political Economy.

A candidate for Honors in any department, who has also obtained Honors in the University, in his second year, is not required in other departments to pass an examination in more than two branches, in which he has already been examined in previous years, and he may select these branches amongst the different departments at his option.

ORIENTAL LANGUAGES.*

Hebrew.

Psalms, XL. CXXXIII. and CXXXVII.
Isaiah, chaps. IV. VII. XIV. LII. and LIII.

Chaldee.

Grammar. (Winer's.)

Daniel, chaps. II. and III.

History of the Chaldee Language and Literature.

FINAL EXAMINATION FOR CANDIDATES FOR THE DEGREE OF B.A.

GREEK AND LATIN LANGUAGES.

Æschylus, Agamemnon. Lucretius, Bb. V. and VI.
Aristophanes, Nubes. Plautus, Aulularia.
Pindar, Olympic Odes. Terence, Adelphi.
Æschines, adv. Ctesiphontem. Persius, I. II. III. V. and VI.
Demosthenes, de Coronâ. Pliny, Epist. B. VI.
Aristotle, Poetics. Livy, Bb. XXI.—XXV.
Longinus, de Sublim. Tacitus, Historiæ.
Translation into Greek and Latin Prose and Verse.

MATHEMATICS.

Arithmetic. Differential and Integral Calculus.
Algebra. (Colenso's.) (De Morgan's.)
Plane Trigonometry. (Colenso's.) Theory of Algebraic Equations.
Spherical Trigonometry. (Hann's.) (Hymers'.)
Conic Sections. (Hymers'. Newton's Principia, Secs. I. II. III.
Analytical Geometry. (Salmon's and Hymers'. (Evans' Ed.)
Statics. (Todhunter's.)

* Optional Department.