

MATHEMATICS.—*Continued.***Senior Year.**

MATHEMATICAL PHYSICS (ELECTIVE)—This course extends over two years, half being taken up each year.

In 1900-1901, Spherical Trigonometry, Geometrical Optics and Astronomy. *McLellan & Preston's* Spherical Trigonometry, Part I. *Heath's* Geometrical Optics. *Young's* General Astronomy, and *Barlow & Bryan's* Mathematical Astronomy.

In 1901-1902, Dynamics of a Particle, Statics, Hydrostatics; such portions of these subjects being considered as can be treated without the use of the Calculus.

Loney's Dynamics and Statics and *Besant's* Hydrostatics. (Two hours a week.)

HONOR COURSE.**Freshman Year.**

MODERN GEOMETRY—*Richardson* and *Ramsay*.

GEOMETRICAL CONIC SECTIONS—*Mukhopadhyay*.

(Two hours a week during the second term.)

Sophomore Year.

The work of this year is the same as that of the Pass Course of the third year.

Junior Year.

THEORY OF EQUATIONS—*Burnside* and *Panton*.

CONIC SECTIONS (Analytical)—*Loney* and *Salmon*.

(Three hours a week.)

Senior Year.

GEOMETRY OF THREE DIMENSIONS—*Chas. Smith*.

DIFFERENTIAL CALCULUS—*Edwards*.

INTEGRAL CALCULUS—*Edwards*.

(Three hours a week.)

SCIENCE.**Freshman Year.**

PHYSICS—Lectures on the Pendulum as an illustration of the Laws of Motion and the Properties of Matter.

Isochronous Vibrations, Composition of Forces, Velocities