

# Physics

University of Dhaka

## 1<sup>st</sup> Year

01	PHY	Mechanics and Properties of Matter
02	PHY	Thermal Physics
03	PHY	Electricity and Magnetism
04	PHY	Introduction to Computer and Programming
05	MATH	Differential Calculus-1
06	MATH	Analytic and Vector Geometry
07	MATH	Linear Algebra
08	CHEM	Fundamentals of Chemistry
09	STAT	Introduction to Probability

## 2<sup>nd</sup> Year

01	PHY	Optics
02	PHY	Electronics-1
03	PHY	Mathematical Physics
04	PHY	Atomic and Molecular Physics
05	PHY	Waves, Oscillations and Advanced Mechanics-3
06	MATH	Differential Calculus-2
07	MATH	Ordinary Differential Equation
08	MATH	Numerical Analysis-1
09	STAT	Principles of Statistics

## 3<sup>rd</sup> Year

01	PHY	Classical Mechanics and Relativity-3
02	PHY	Quantum Mechanics-1
03	PHY	Solid State Physics-1
04	PHY	Nuclear Physics
05	PHY	Classical Electrodynamics
06	PHY	Lasers and Photonics
07	PHY	Computational Physics
08	PHY	Introduction to Astro Physics

## 4<sup>th</sup> Year

01	PHY	Statistical Mechanics
02	PHY	Quantum Mechanics-2
03	PHY	Electronics-2
04	PHY	Methods of Experimental Physics
05	PHY	Solid State Physics-2
06	PHY	Nuclear and Particle Physics
07	PHY	Introduction to Material Science and Nanotechnology