

Semester 1					
Course Code	Course Name	Credit			
PH7010	Classical Physics	3			
PH7020	Quantum Physics	3			
Semester 1 and 2					
Course Code	Course Name	Credit			
PHXXXX ¹	Core Electives	6			
Electives can be chosen from any of the offered courses suggested by the Faculty Advisor the batch from the choices of listed Electives					
Electives					
Course Code	Course Name	Credit			
PH7080	Partcile Physics	3			
PH7090	Computational Physics	3			
PH7190	Laser Technology	3			
PH7013	Advanced Optical Instrumentation	3			
PH6140	Quantum Yang Mills Theory	3			
PH3287	Atomic-molecular Physics	1			
PH3338	Photonics and Laser	2			
PH3358	Spectroscopy	2			
PH5167	Experimental Techniques	2			
PH6338	Advanced Functional Materials	2			
PH6138	Plasma Physics and Applications.	2			
PH6297	Classical Field Theory	1			
PH6458	Gravitation and Cosmology	2			