

Details of course under B.Sc. (Hons.) Physics			Credits			
			Theory	Practical	Tutorial	Total
SEMESTER-I						
Core Course	C-I	Mathematical Physics-I	4	2		6
	C-II	Mechanics	4	2		6
AECC	AECC-1	Environmental Science				2
GE	GE-1	Refer Table				6
SEMESTER-II						
Core Course	C-III	Electricity and Magnetism	4	2		6
	C-IV	Waves and Optics	4	2		6
AECC	AECC-2	MIL/ English Communications				2
GE	GE-2	Refer Table				6
SEMESTER-III						
Core Course	C-V	Mathematical Physics-II	4	2		6
	C-VI	Thermal Physics	4	2		6
	C-VII	Digital Systems and Applications	4	2		6
SEC	SEC-1	Applied Optics				2
GE	GE-3	Refer Table				6
SEMESTER-IV						
Core Course	C-VIII	Mathematical Physics-III	4	2		6
	C-IX	Elements of Modern Physics	4	2		6
	C-X	Analog Systems and Applications	4	2		6
SEC	SEC-2	Radiation Safety				2
GE	GE-4	Refer Table				6
SEMESTER-V						
Core Course	C-XI	Quantum Mechanics and Applications	4	2		6
	C-XII	Solid State Physics	4	2		6
DSE	DSE-1	Advanced Mathematical Physics-I	4	2		6
	DSE-2	Nuclear and Particle Physics	5		1	6
SEMESTER-VI						
Core Course	C-XIII	Electromagnetic Theory	4	2		6
	C-XIV	Statistical Mechanics	4	2		6
DSE	DSE-3	Advanced Mathematical Physics-II	5		1	6
	DSE-4	Classical Dynamics	5		1	6
Total						140

NOTE: The College reserves the right to change the number of options offered and titles of specific papers in any semester, within the framework of the University of Delhi CBCS Syllabus