

Overall credits structure

Total Credits = 60

Program Code (PC)	Program Elective (PE)	Open Elective (OE)	Total Credit
45	9	06	60

Course No.	Title	Type	L-T-P	Credits
Semester I				
PHL 751	Optical Sources, Detectors and Photometry	PC	3-0-0	3
PHL 753	Optical System Design	PC	3-0-0	3
PHP 761	Optics Laboratory I	PC	0-0-6	3
PHP 763	Optical Workshop	PC	0-0-6	3
-	Program Elective-I	PE	3-0-0	3
-	Open Elective-I	OE	3-0-0	3
-	Total Credits	-	-	18
Semester II				
PHL 752	Lasers Systems and Applications	PC	3-0-0	3
PHL 754	Optical Instruments and Metrology	PC	3-0-0	3
PHL 756	Fourier Optics and Optical Information Processing	PC	3-0-0	3
PHL 758	Theory and Applications of Holography	PC	3-0-0	3
PHP 762	Optical Laboratory II	PC	0-0-6	3
-	Programme Elective/Open Elective-2	PE/OE	3-0-0	3
-	Semester Total	-	-	18
Semester III				
-	Programme Elective 2/Open Elective 2	PE/OE	3-0-0	3
-	Program Elective III	PE	3-0-0(0-0-6/0-3-0)	3
PHD 851	Major Project - Part 1	PC	0-0-12	06

-	Seminar Total	-	-	12
Semester IV				
PHD 852	Major Project- Part 2	PC	0-0-24	12
-	Semester Total	-	0-0-24	12
-	Programme Total	-	-	60

Programme electives (PE)

Course No.	Title	L-T-P	Credits
PHL 792	Optical Electronics	3-0-0	3
PHL 795	Optics and Lasers	3-0-0	3
PHL 891	Guided Wave Optical Components and Devices	3-0-0	3
PHP 764	Mechanical Workshop and Engineering Drawing	0-0-6	3
PHP 853	Advanced Optical Workshop	0-0-6	3
PHS 855	Independent Study	0-3-0	3