

MSc 2021 Curriculum

Semester	Course Code	Course Name	Course Credits
1	PH5130	Quantum Mechanics-I	3
1	PH5110	Classical Mechanics	3
1	PH5120	Mathematical Physics-I	3
1	XXxxxx	English Communication	1
1	PH5210	Electrodynamics	3
1	PH5240	Statistical Mechanics	3
1	PH5101	Lab	2
			18
2	PH6708	Mathematical Physics-II	2
2	PH5230	Quantum Mechanics-II	3
2	PH5250	Optics and Photonics	3
2	PH5260	Atomic & Mol. Physics	3
2	PH6200	Solid State Physics	3
2	PH5201	Lab	2
			16
3	PH6270	Particle Physics	3
3	PH6278	Nuclear Physics	2
3	PH5140	Electronics	3
3	PHxxxx	Elective - I	3
3	PHxxxx	Elective - II	3
3	PH5315	Project	2
3	PH5211	Lab	2
			18
4	PHXXXX	Free Elective	3
4	PH6170	Computational Physics	3
4	PHXXXX	Elective - III	3
4	PHXXXX	Elective – IV	3
4	PHXXXX	ject – (Continued from Sem	6
			18
Total			70