

MSc in Photonics – Curriculum Chart

Term 1

Courses	Credits	Code	Prerequisites	Type
Advanced quantum mechanics	3			Required
Electromagnetic Theory of Light	3			Required
Photonics 1	3			Required
Total Credits	9			

Term 2

Courses	Credits	Code	Prerequisites	Type
Photonics 2	3		Photonics 1	Required
Nonlinear Optics I	3			Elective
Fundamentals of Optical Design	3			Elective
Total Credits	9			

Term 3

Courses	Credits	Code	Prerequisites	Type
Free Electron Lasers	3			Elective
Seminar	2			Seminar
Total Credits	5			

Term 4

Courses	Credits	Code	Prerequisites	Type
Thesis	6			
Total Credits	6			