

MSc in Nuclear Physics – Curriculum Chart

Term 1

Courses	Credits	Code	Prerequisites	Type
Advanced Quantum Mechanics 1	3			Required
Advanced Electrodynamics 1	3			Required
Advanced Nuclear Physics	3			Required
Total Credits	9			

Term 2

Courses	Credits	Prerequisites	Type
Advanced Statistical Mechanics 1	3		Required
Nucleus Structure	3	Advanced Nuclear Physics	Required
Interactions and Scattering in Nuclear Physics	3	Advanced Nuclear Physics	Elective
Total Credits	9		

Term 3

Courses	Credits	Prerequisites	Type
Special Topics 1	3		Elective
Advanced Reactor Physics	3	Advanced Nuclear Physics	Elective
Seminar	2		Seminar
Total Credits			

Term 4

Courses	Credits	Code	Prerequisites	Type
Thesis	6			
Total Credits	6			