

## MSc in Optics and Laser – Curriculum Chart

### Term 1

Courses	Credits	Code	Prerequisites	Type
Advanced Quantum Mechanics	۳			Required
Advanced Electrodynamics	۳			Required
Computational Physics	۲			Required
<b>Total Credits</b>	<b>8</b>			

### Term 2

Courses	Credits	Code	Prerequisites	Type
Advanced Statistical Mechanics1	۳			Required
Advanced Laser Physics1	۳			Required
Lab of Optic and Laser	۱		Advanced Quantum Mechanics	Required
Advanced Electrodynamics 2	۳		Advanced Electrodynamics	Elective
<b>Total Credits</b>	<b>10</b>			

### Term 3

Courses	Credits	Code	Prerequisites	Type
Applications of Laser	۳		Advanced Laser Physics1	Elective
Special Topics 1	۳			Elective
Seminar	۲			Seminar
<b>Total Credits</b>	<b>8</b>			

### Term 4

Courses	Credits	Code	Prerequisites	Type
Thesis	6			
<b>Total Credits</b>	<b>6</b>			