

Course Package

Optics – 1A + 1B

Name module	Optics - 1A + 1B
Educational programme	MSc Applied Physics
Period	First semester (block 1A+1B)
Study load	30 ECTS

Optics			
block 1A	block 1B	block 2A	block 2B
Select 15 ECTS:	Select 15 ECTS:		
Nano-optics 193400131 (5 EC)	Laser Physics 201300139 (5 EC)		
Applied Quantum Mechanics 191411291 (5 EC)	Advanced Quantum Mechanics 193570050 (5 EC)		
Wave Optics 201300141 (5 EC)	Quantum Optics 202100083 (5 EC)		
Fundamentals of Quantum Information 201500030 (5 EC)	Nano-Electronics 193400141 (5 EC)		
Biophysical techn. and mol. Imaging 193640020 (5 EC)	Exp. Laser physics and nonlinear optics 193520040 (5 EC)		

Required preliminary knowledge: Completed Bachelor's (Applied) Physics and Basic Quantum
*, Required preliminary knowledge for this course: 'Fundamentals of Quantum Information 201500030'.

Click [here](#) to view the course description of this module in our course catalogue. Please fill in the course code in the field 'Course Module/name'.

Academic year	2017
Course module/name	201700186
	<input type="checkbox"/> Also search in description
Show	<input checked="" type="radio"/> All course modules <input type="radio"/> Course modules for which you can register <input type="radio"/> Tests for which you can register
Starting block	No preference
Course type	No preference
Faculty	No preference
Organising study	No preference
Lecturer	
Participating study	No preference
Language of instruction	No preference

Please note: these packages are not fixed. They serve as an example of what you are able to select. It may be possible for you to make changes if you would like to do so.

The modules are tentative and subject to change. Please check [the website](#) regularly.