

Spring Semester MA2 - Applied Physics Master

CREDITS

6 ECTS

4 ECTS

3 ECTS

Astrophysics and Particle Physics	Plasma physics, fusion and fission	Physics of Biological and Complex Systems	Condensed Matter Physics	Quantum Science and Technology
Quantum field theory II - 432	Nonlinear dynamics, chaos - 460	Nonlinear dynamics, chaos - 460	Computational quantum physics - 463	Computational quantum physics - 463
Quantum physics IV - 426	Plasma II - 424		Quantum optics and information - 454	Quantum optics and information - 454
Relativity and cosmology II - 428			Stochastic methods in physics - 436	Stochastic methods in physics - 436
Astrophysics IV - 401	Adv. superconduct.magnet tech. - 476	Intro. to biomedical imaging - 438	Electron microscopy - MSE 450	Microwave engineering - QUANT 410
Astrophysics V - 402		Physics of life - 468	Magnetism in Materials - 491	Nonlinear optics - 470
Intro. to astroparticle physics - 439			Solid state physics IV - 420	Quant. trans. mesoscopic syst. - 462
Particle physics II - 416			Spintronics - 510	Phys. photonic devices - 434
Particle physics: flavour frontiers - 471			Physics of low dim. materials - 474	Solid state syst. for quantum info. - 464
Select. topics nucl. & part. phys. - 400			Physics of magn. reson. imaging - 478	
		Topics in biophysics - 466		
Color code :		Physics option	Engineering option	