



Study Programme

LIST OF MODULES/COURSES							
Year of study: 1							
Semester:							
MODULE	COURSE	COURSE COORDINATOR	L	E	S	ECTS	STATUS ¹
The compulsory part of the Specific study programme	Selected Topics of Elementary Particle Physics	Predrag Dominis Prester	45	00	15	10	E
	Experimental Methods of Modern Physics	Mladen Petravić	15	60	15	10	E
	Many-Particle Quantum Physics	Zdravko Lenac	30	15	15	10	E
	Selected chapters in Astrophysics	Dijana Dominis Prester	30	00	30	10	E
	Selected topics in properties and applications of materials	Aleš Omerzu	30	15	15	10	E
	Experimental methods in quantum optics	Marin Karuza	15	40	5	10	E
	Nanomaterials and applications	Robert Peter	30	0	30	10	E
	Experimental methods in astroparticle physics	Saša Mićanović, Tomislav Terzić	30	30	15	10	E
	Seminar in physics	Dijana Dominis Prester	04	00	26	5	C
The optional part of the Specific study programme	Black Hole Physics	Predrag Dominis Prester	30	10	10	8	E
	Ultrasound in Medicine	Gordana Žauhar	20	15	10	8	E
	Data analysis in high energy physics	Darko Mekterović	20	20	10	8	E
	Micro- and nano-electromechanical systems	Saša Zelenika	20	15	10	8	E
	Physics of surfaces and interfaces	Petar Pervan	30	15	10	8	E
	Molecular materials of reduced dimensionality	Silvia Tomić	20	20	10	8	E
	Radiological physics and dosimetry	Slaven Jurković	20	20	10	8	E
	Plasma Technologies	Nikša Krstulović	30	15	10	8	E
	Atmospheric Chemistry	Katja Džepina	35	00	10	8	E
	Contemporary concepts of magnetism and superconductivity	Igor Žutić	30	15	10	8	E
	Theoretical foundations of spintronics	Igor Žutić	30	15	10	8	E
	Scanning electrom microscopy	Ivana Jelovica Badovinac	10	30	10	7	E
	Computational methods in biophysics	Željko Svedružić, Marta Žuvić	10	40	10	7	E

¹ IMPORTANT: Insert C for compulsory course or e for elective course.



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LIST OF MODULES/COURSES

Year of study: 2							
Semester:							
MODULE	COURSE	COURSE COORDINATOR	L	E	S	ECTS	STATUS

LIST OF MODULES/COURSES

Year of study: 3							
Semester:							
MODULE	COURSE	COURSE COORDINATOR	L	E	S	ECTS	STATUS