

Faculty of Physics and Applied Informatics

List of courses

2017/18

1. * The course marked by * will be opened as a regular if 3 students enroll.
In the other case the tutorial can be organised.
2. ** The course marked by ** will be opened for minimum of 3 students.

field of study: **PHYSICS**

level: **undergraduate (BSc)**

mode: full-time

year	semester	code	course title	lectures	practice	exercises	seminars	laboratory	total	ECTS
II	winter	1500-ERASMGF3	General Physics III *	21	28				49	5
		1500-ERASMGF4	General Physics IV *	21	28				49	5
		1500-ERASM_MA	Mathematical Analysis III *	28	28				56	6
		1500-ERASMPMS	Probability Theory and Statistics *	28	28				56	6
		1500-ERASMSPN	Selected Problems of Nuclear Physics *	28	28				56	4
III	winter	1500-ERASMFQP	Foundations of Quantum Physics *	28	28				56	6
		1500-ERASM16	Classical Electrodynamics *	28	28				56	6
		1500-ERASMNPP	Selected Topics in Nuclear and Particle Physics *	28	28				56	4
		1500-ERASM_NL	Nuclear Physics Laboratory *					41	41	4
		1500-ERASMSTRP	Selected Topics of Relativistic Physics *	30					30	2
1500-ERASMIQC	Introduction to Quantum Computers *	30					30	2		

field of study:

PHYSICS

level:

graduate studies

mode:

full-time

year	semester	code	course title	lectures	practice	exercises	seminars	laboratory	total	ECTS
I	winter	1500-ERASMTTP1	Theoretical Physics *	42	42				84	9
		1500-ERASMEMMP	Experimental Methods of Modern Physics *	28					28	3
		1500-ERASMICM	Introduction to Computer Modelling *	14				14	28	3
		1500-ERASMMMMMI	Modern Methods of Medical Imaging *	28						3
II	winter	1500-ERASMQP	Quantum Physics *	42	42				84	9
		1500-ERASMQTSS	Quantum Theory of Solid State *	28					28	3
		1500-ERASMGTT	Gauge Theories *	28					28	3
		1500-ERASMHEA	High Energy Astrophysics *	28					28	3

