

Faculty of Physics and Applied Informatics

List of courses*

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

2017/18

field of study: **PHYSICS**
level: **undergraduate (BSc)**
mode: full-time

year	semester	code	course title	lectures	practice	exercises	seminars	laboratory	total	ECTS
I	summer	1500-ERASMGF1F	General Physics I *	21	28				49	5
		1500-ERASMGF2	General Physics II *	21	28				49	5
		1500-ERASMMAI1	Mathematical Analysis I *	14	27				41	4
		1500-ERASMMAI1	Mathematical Analysis II *	14	27				41	4
		1500-ERASMA	Algebra *	28	28				56	6
II	summer	1500-ERASMGF5	General Physics V *	28	28				56	6
		1500-ERASMCRM	Classical and Relativistic Mechanics *	28	28				56	5
		1500-ERASM TSP	Thermodynamics and Statistical Physics *	28	28				56	6
		1500-ERASMAIV	Mathematical Analysis IV *	20	21				41	4
		1500-ERASMAV	Mathematical Analysis V *	20	21				41	4
		1500-ERASMIRD	Interactions of Ionizing Radiation and its Detection *	28					28	2
		1500-ERASMIRS	Ionizing Radiation Sources *	28					28	2
III	summer	1500-ERASMHNS1	History of Natural Science **	14					14	1
		1500-ERASM QM1	Quantum Mechanics I *	28	28				56	6
		1500-ERASMATM	Selected Topics of Atomic, Molecular and Solid State Physics *	28	28				56	4
		1500-ERASMSPAC	Selected Topics of Astrophysics and Cosmology *	28					28	2
		1500-ERASMSP	Symmetries in Physics *	30	15				45	3

field of study: **PHYSICS**
level: graduate studies
mode: full-time

year	semester	code	course title	lectures	practice	exercises	seminars	laboratory	total	ECTS
I	summer	1500-ERASMPCP	Physics of Condensed Phase *	42	42				84	9
		1500-ERASM TEP	Theory of Elementary Particles *	28					28	3
II	summer	1500-ERASMN	Nanotechnology *	28					28	2
		1500-ERASMCRP	Cosmic Ray Physics *	28					28	3
		1500-ERASMTAP	Nuclear Transmutations and Applications of Nuclear Physics *	28					28	2