

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: **Informatics**  
 study cycle: **1-st**  
 mode of study: **full-time studies**

year	semester	code	course title	lectures	practice	laboratory inf	total	ECTS
I	winter	1500-ERASMMAI	Mathematical Analysis I **	28	28		56	6
		1500-ERASMAaG	Algebra and Geometry **	28	28		56	6
		1500-ERASMPI	Programming I **	14		42	56	5
		1500-ERASMIA	Internet Applications *			14	14	2
II	winter	1500-ERASMCN	Computer Networks *	28		28	56	6
		1500-ERASMDBS	Database Systems	14		28	42	5
		1500-ERASMPIII	Programming III **	14		14	28	4
III	winter	1500-ERASMMiS	Modelling and Simulations *			28	28	4
		1500-ERASMCR	Computer Control and Robotics *	14		42	56	5
		1500-ERASMSD	Mobile Software Development *	14		28	42	4
		1500-ERASMDDB	Distributed Databases *	28		28	56	6
		1500-ERASMCi	Complexity of Algorithms **	14		28	42	4
		1500-ERASMASPNET	Introduction to ASP.NET framework **			28	28	4
		1500-ERASMSLU	Directory Services in Linux (UNIX) Operating System **	14		28	42	4
		1500-ERASMAI	Introduction to Artificial Intelligence *	14		28	42	6
1500-ERASMDM	Digital Media **			30	30	4		
IV	winter	1500-ERASMOM	Optimization Methods **	15		15	30	3
		1500-ERASMDMG	Designing of Mobile Games **			42	42	6
		1500-ERASMDMI	Data Mining **	14		28	42	6
		1500-ERASMCND	Computer Networks Designing **	14		28	42	6
		1500-ERASMGMD	Computer Graphics in Mobile Devices *	14		28	42	6
		1500-ERASMCTM	Computer Technics in Medicine *	30			30	3

field of study: **Informatics**

study cycle: **2-st**

mode of study: **full-time studies**

year	semester	code	course title	lectures	practice	laboratory inf	total	ECTS
I	winter	1500-ERASMCNS	Computer Network Security **	14		28	42	5
		1500-ERASMC	Cryptography **	28			28	3
II	winter	1500-ERASMADT	Advanced Database Technologies **			28	28	3
		1500-ERASMCDP	Concurrent and Distributed Programming **	28		28	56	6
		1500-ERASMDS1	Distributed Systems **	28		14	42	5