

Computer Science MSc (Cybersecurity specialization)

Code	Courses	Subject requirement	Lecture (L)	Exam (E)	Practice (Pr)	Practice Grade (PG)	Consultation	Credit	Semester	1st Semester	2nd Semester	3rd Semester	4th Semester
IPM-18fkbCGE	Cryptography		2	E				2	1	2+0+0			
IPM-18fkbCGG	Cryptography				2	PG	1	3	1	0+2+1			
IPM-18fkbICSE	Introduction to Computer Security		2	E				2	1	2+0+0			
IPM-18fkbICSG	Introduction to Computer Security				2	PG	1	3	1	0+2+1			
IPM-18fkbIDSEG	Intorduction to Data Science*		2	X	2		1	5	1	2+2+1			
IPM-18fkbMCE	Models of Computation*		2	E				2	1	2+0+0			
IPM-18fkbMCG	Models of Computation*				2	PG	1	3	1	0+2+1			
IPM-18kbSTEG	Software Technology*		2	X	2	PG	1	5	1	2+2+1			
IPM-18fkbISME	Information Security Managemement		2	E				2	2		2+0+0		
IPM-18fkbISMG	Information Security Managemement				2	PG	2	4	2		0+2+2		
IPM-18fkbNSSE	Network and System Security		2	E				2	2		2+0+0		
IPM-18fkbNSSG	Network and System Security				2	PG	2	4	2		0+2+2		
IPM-18fkbPYE	Privacy		2	E				2	2		2+0+0		
IPM-18fkbPYG	Privacy				2	PG	2	4	2		0+2+2		
IPM-18fkbSQTE	Software quality and testing*		2	E				2	2		2+0+0		
IPM-18fkbSQTG	Software quality and testing*				2	PG	1	3	2		0+2+1		
IPM-18fkbWATEG	Web engineering*		2	X	2	CA	1	5	2		2+2+1		
IPM-18fkbACRE	Advanced cryptography		2	E				2	3			2+0+0	
IPM-18fkbACRG	Advanced cryptography				2	PG	2	4	3			0+2+2	
IPM-18fkbACRPSE	Applied cryptography project seminar		2	E				2	3			2+0+0	
IPM-18fkbACRPSG	Applied cryptography project seminar				2	PG	2	4	3			0+2+2	
IPM-18fkbCRAE	Cryptography and its applications		2	E				2	3			2+0+0	
IPM-18fkbCRAG	Cryptography and its applications				2	PG		2	3			0+2+0	
IPM-18fkbCRPE	Cryptography protocols		2	E				2	3			2+0+0	
IPM-18fkbCRPG	Cryptography protocols				2	PG		2	3			0+2+0	
IPM-18fkbSZT1L	Lab I.				4	PG	1	5	3			0+4+1	
IPM-18fkbSZT2L	Lab II.				4	PG	1	5	3			0+4+1	
	Optional course*							7	1,2	5+0+0*	2+0+0		

	Thesis consultation				5	PG	10	30	4				signature
	Summa credit in semester									30	30	30	30
	Summa credit							120					
	I&E modul												
IPM-18fi&EBEG	<u>I&E Basics</u>	2	X	2	PG	1	5	1	2+2+1				
IPM-18fi&EBDL1E	Business Development Lab I.	2	E				2	1	2+0+0				
IPM-18fi&EBDL1G	Business Development Lab I.			2	PG	1	3	1	0+2+1				
IPM-18fi&ESTEG	I&E Study	2	X	2	PG	1	6	1	2+2+2				
IPM-18fi&EBDL2E	Business Development Lab II.	2	E				2	2		2+0+0			
IPM-18fi&EBDL2G	Business Development Lab II.			2	PG	1	3	2		0+2+1			
IPM-18fi&MSTEEG	I&E Management skills for tech entrepreneurs	2	X	2	PG	1	5	2		2+2+1			
IPM-18fi&ETSSG	Thematic Summer Schools with I&E project			4	PG		4	2		0+4+0			
	Summa credit in semester									26	34	30	30
	Summa credit							120					

Az EIT-es hallgatók a képzés első évében az I&E modult végzik. A szakirányra jelentkező hallgatók külön engedélyek vehetik fel az I&E modult a *-gal megjeölt tárgyak kiváltása mellett.

The EIT students are doing the Innovation&Entrepreneurship (I&E) module in their first year of studies. Students applying to this major may be allowed to take the I&E module in exchange of *-marked courses

CA: Practice with continuous assessment