

Computer Science MSc (Software Architecture 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-18feszDSEG	Intorduction to Data Science		2	X	2		1	5	1	2+2+1			
IPM-18feszIMDEG	Interactive media design and development*		2	X	2	PG	1	5	1	2+2+1			
IPM-18feszMCE	Models of Computation*		2	E				2	1	2+0+0			
IPM-18feszMCG	Models of Computation*				2	PG	1	3	1	0+2+1			
IPM-18feszSTEG	Software Technology		2	X	2	CA	1	5	1	2+2+1			
IPM-18feszTPE	Theory of programming*		2	E				2	1	2+0+0			
IPM-18feszTPG	Theory of programming*				2	PG	1	3	1	0+2+1			
IPM-18feszCISE	Complex information systems		2	E				2	2		2+0+0		
IPM-18feszCISG	Complex information systems				2	PG	1	3	2		0+2+1		
IPM-18feszFSE	Formal semantics*		2	E				3	2		2+0+1		
IPM-18feszFUNLEG	Functional Languages*		2	X	2	PG	1	5	2		2+2+1		
IPM-18feszSQTE	Software quality and testing		2	E				2	2		2+0+0		
IPM-18feszSQTG	Software quality and testing				2	PG	1	3	2		0+2+1		
IPM-18feszSESCE	Service Science		2	E				2	2		2+0+0		
IPM-18feszSESCG	Service Science				2	PG	1	3	2		0+2+1		
IPM-18feszWATEG	Web engineering*		2	X	2	CA	1	5	2		2+2+1		
IPM-18feszAJPE	Advanced Java programming		2	E				2	3			2+0+0	
IPM-18feszAJPG	Advanced Java programming				2	PG	1	3	3			0+2+1	
IPM-18feszADSEG	Analysis of distributed systems		2	X	2	PG	1	5	3			2+2+1	
IPM-18feszDDSE	Design of distributed systems		2	E				2	3			2+0+0	
IPM-18feszDDSG	Design of distributed systems				2	PG	1	3	3			0+2+1	
IPM-18feszSZT1L	Lab I.				4	PG	1	5	3			0+4+1	
IPM-18feszSZT2L	Lab II.				4	PG	1	5	3			0+4+1	
IPM-18feszSEAPE	Scalable enterprise applications		2	E				2	3			2+0+0	
IPM-18feszSEAPG	Scalable enterprise applications				2	PG	1	3	3			0+2+1	

	Optional course*							7	1,2	5+0+0	2+0+0*		
	Thesis consultation					PG	10	30	4				signature
	Summa credit in semester									30	30	30	30
	Summa credit							120					
	I&E modul												
IPM-18fi&EBEG	I&E Basics		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									31	29	30	30
	Summa credit							120					

Az EIT-es hallgatók a képzés első évében az I&E modult végzik. A szakirányra jelentkező hallgatók külön engedéllyel 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