

Computer Science MSc (Digital Industry 4.0 specialization)

Code	Subject	Subject prerequisite	Lecture (L)	Exam (E)	Practice (Pr)	Practice Grade (PG)	Consultation	Credit	Semester	1st Semester	2nd Semester	3rd Semester	4th Semester
IPM-20fi4FEPEG	Factory Engineering for Programmers		2	X	2	PG	1	5	1	2+2+1			
IPM-20fiDSEG	Introduction to Data Science L+Pr.		2	X	2	PG	1	5	1	2+2+1			
IPM-20fi4ICSE	Introduction to Computer Security L.		2	E	0		0	2	1	2+0+0			
IPM-20fi4ICSG	Introduction to Computer Security Pr.		0		2	PG	1	3	1	0+2+1			
IPM-20fi4PAIEG	Principles of artificial intelligence L+Pr.		2	X	2		1	5	1	2+2+1			
IPM-20fi4ROBEG	Robotics L+Pr.		2	X	2		1	5	1	2+2+1			
IPM-20fSTEG	Software Technology L+Pr.		2	X	2	PG	1	5	1	2+2+1			
IPM-13fes�PCMSG	Preparation course for master studies and developing learning skills				2	PG		0	1	0+2+0			
IPM-20fi4ICEG	Industrial communications		2	X	2	PG	1	5	2		2+2+1		
IPM-20fi4IDEG	Industrial Databases		2	X	2	PG	1	5	2		2+2+1		
IPM-20fi4DMEG	Digital Manufacturing		2	X	2	PG	2	6	2		2+2+2		
IPM-20fi4MLEG	Machine Learning L+Pr.		2	X	2		1	5	2		2+2+1		
IPM-20fWATEG	Web engineering L+Pr.		2	X	2	PG	1	5	2		2+2+1		
IPM-20fi4CNCPEG	CNC programming		2	X	2	PG	1	5	3			2+2+1	
IPM-20fi4DMEG	Data Mining L+Pr		2	X	2		1	5	3			2+2+1	
IPM-20fi4DFLAB1	Digital Factory Lab I.		0		4	PG	1	5	3			0+4+1	
IPM-20fi4DFLAB2	Digital Factory Lab II.		0		4	PG	1	5	3			0+4+1	
IPM-20fi4HBPEG	Hardware based programming		1	X	3	PG	1	5	3			1+3+1	
IPM-20fTHCONS	Elective courses							9	2,3		4+0+0	5+0+0	
IPM-20fPRG	Internship					PG		0	2-4				
IPM-18fTHCONZ	Thesis consultation							30	4				signature
	Total credits per semester									30	30	30	30
	Total credits							120					