

**Computer Science Engineering BSc**

	Subject name and Neptun Code	Institute of	1st sem. Fall	2nd sem. Spring	3rd sem. Fall	4th sem. Spring	5th sem. Fall	6th sem. Spring	7th sem. Fall	cr.	
Natural Science	Mathematical Analysis I.	Mathematics	3 + 2							5	exam
	Linear Algebra and Discrete Mathematics	Mathematics	3 + 2							6	exam
	Mathematical Analysis II.	Mathematics		3 + 2						5	term mark
	Discrete Mathematics	Mathematics		2 + 2						5	term mark
	Data Structures and Algorithms	Mathematics		2 + 2						5	exam
	Introduction into Physics	Physics and Electronic Engineering		2 + 2						5	exam
	Probability Theory and Statistics	Mathematics			2 + 2					5	exam
	Introduction into CAD Systems	Mathematics			2 + 2					5	exam
	Modern Physics	Physics and Electronic Engineering			2 + 2					2	exam
Economics and Social Science	Operations Management	Fac. of Economics	2 + 3							3	exam
	Integrated ERP Systems	Information Science			2 + 2					5	exam
	Management and Organization	Fac. of Economics						2 + 2		5	exam
	Resource Planning	Information Science						2 + 2		5	exam
Professional Subjects	Fundamentals of Programming	Information Science	3 + 2							6	exam
	Computer Architectures	Information Science	2 + 2							5	exam
	Object Oriented Programming	Information Science		2 + 2						5	exam
	Operating Systems	Information Science		2 + 2						5	exam
	Database Systems I.	Information Science			2 + 2					5	exam
	Computer Networks	Information Science			2 + 2					5	exam
	Software Technology	Information Science			2 + 2					5	exam
	Digital Systems	Automation and Communication Technology			2 + 2					5	exam
	Security in Computer Systems	Information Science				2 + 2				5	exam
	Database Systems II.	Information Science				2 + 2				5	exam
	Software Technology Lab	Information Science				1 + 3				5	term mark
	Web Technologies Foundation	Information Science				1 + 2				3	term mark
	Java Programming	Information Science				2 + 2				5	exam
	Introduction into Artificial Intelligence	Information Science						2 + 2		5	exam
	Electrotechnics-Electronics	Physics and Electronic Engineering						2 + 2		5	exam
	Graphics Programming	Information Science						2 + 2		5	term mark
	Mobile Phone Programming	Information Science						2 + 2		5	exam
Design of Industrial IT Systems	Information Science						2 + 2		5	exam	
Advanced IT Technologies /SW Testing	Information Science						2 + 2		5	exam	
Windows Operating Systems	Information Science							2 + 2	5	exam	
Web Technologies Specialization	Technical Communication	Information Science	2 + 2							5	exam
	Web Technologies - Client side	Information Science					2 + 2			5	exam
	Data Management in Web Applications	Information Science					2 + 2			5	term mark
	Web Technologies - Server Components	Information Science						2 + 2		5	exam
	Development of Distributed Web Applications	Information Science							2 + 2	5	term mark
	Degree Thesis									15	term mark
Summer Internship*											term mark
optional 1	Optional by the program							2 + 2		5	exam
e.g.	Advanced Java	Information Science									
	Embedded Systems	Automation and Communication Technology									
optional 2	Common knowledge optional from the institutional curriculum								2 + 2	5	exam
cr/sem.			30	30	37	23	30	30	30	210	

\*Obligatory: minimum of 8 weeks, preferably after the 2nd semester