

BSc Robotics and Intelligent Systems (180 CP)

Year 3	Bachelor Thesis / Seminar (m, 15 CP)					Big Questions (me, 5 CP)	Big Questions (me, 2.5 CP)
	Study Abroad Option (22.5 CP)					Community Impact Project (m, 5 CP)	Big Questions (me, 2.5 CP)
	Specialization (me, 3 x 5 CP)						
Year 2	Internship /Start-Up (m, 15 CP)						
	CORE* Machine Learning (m, 5 CP)	CORE* RIS Lab (me, 5 CP)	CORE Automation (me, 5 CP)	CORE Artificial Intelligence (m, 5 CP)	CORE RIS Project (m, 5 CP)	Methods/Skills Numerical Methods ... Discrete Mathematics (me, 5 CP)	Language (me, 2.5 CP)
	CORE* Robotics (m, 5 CP)		CORE Embedded Systems (me, 5 CP)	CORE Control Systems (me, 5 CP)	CORE Computer Vision (me, 5 CP)	Methods/Skills Probability and Random Processes (m, 5 CP)	Language (me, 2.5 CP)
	CHOICE* Introduction to Robotics and Intelligent Systems (m, 7.5 CP)		CHOICE Algorithms and Data Structures (m, 7.5 CP)		CHOICE Introduction to Computer Science (me, 7.5 CP)	Methods/Skills Calculus and Elements of Linear Algebra II (m, 5 CP)	Language (me, 2.5 CP)
CHOICE* Programming in C and C++ (m, 7.5 CP)		CHOICE General Electrical Engineering I (me, 7.5 CP)		CHOICE Classical Physics (me, 7.5 CP)	Methods/Skills Calculus and Elements of Linear Algebra I (m, 5 CP)	Language (me, 2.5 CP)	
Area	CHOICE / CORE 90 CP					JACOBS TRACK 45 CP	

* mandatory for minor students
m = mandatory
me = mandatory elective