

Curriculum

	LECTURE	SCH	ECTS
1 st SEMESTER 30 ECTS	Application of Safety Methods IC	1,5	2,5
	Fault Tolerant Systems LE	2,5	3
	Introduction to Safety Analysis Methods IC	2	2,5
	Introduction to System Safety and Functional Safety LE	2	2,5
	ISO 26262 Automotive Safety Standard LE	3	4
	Project Management for Safety Projects IC	1,5	2
	Quality and Process Management with Focus on ASPICE and ISO9001 IC	1,5	2
	Requirements Engineering with Focus on FSC IC	2	3
	Safety beyond Standards LE	1	2
	System Design with Focus on TSC IC	2	3
	Systems Engineering LE	1,5	2
	Test Management and Engineering IC	1,5	1,5

	LECTURE	SCH	ECTS
2 nd SEMESTER 30 ECTS	Automotive Technologies LE	1,5	2
	Cyber Security Application IC	1	1,5
	Cyber Security Foundations LE	1	2
	Final Scientific Paper		7
	Final Scientific Paper Proposal		2
	Formal Methods for Safety Critical Areas IC	1,5	2,5
	Model based Safety and Systems Engineering IC	1,5	2
	Practical Application of a Project LE	2	3
	Practical Project IC	2	3,5
	Safety-related Technical Solutions IC	2	2,5
	Test Execution and Validation LE	1,5	2

Abbreviations

ECTS	ECTS Credits
IC	Integrated Course
LE	Lecture
SCH	Semester Credit Hours