

Pflicht- und Wahlpflichtmodule DSE (mandatory and elective modules DSE)

Modul	Name	ECTS	Lehrveranstaltung (lecture name)	SWS	Dozent (lecturer)	Semester
DSE-2014-M1	Systems Engineering	9	Systems Engineering 1	2/2/0/0	Prof. Fetzer	WS
			Systems Engineering 2	2/2/0/0	Prof. Fetzer	WS
DSE-2014-M2	Ubiquitous Systems	7	Distributed Systems	2/2/0/0	Prof. Schill	WS
			Mobile Communication/Computing	2/0/0/0	Prof. Schill	WS
DSE-2014-M3	Transactional and Secure Platforms	9	Transactional Information Systems	2/2/0/0	Prof. Lehner	WS
			Security & Cryptography 1	2/2/0/0	Prof. Strufe	WS
DSE-2014-M4	System Design	5	Design Patterns & Frameworks	2/2/0/0	Prof. Aßmann	WS
DSE-2014-Int	Internship	12	(2 Komplexpraktika oder 1 Belegarbeit)	0/0/0/8	Prof. Fetzer	WS/SS
DSE-2014-E1	Advanced Security & Cryptography	6	Security & Cryptography 2	2/2/0/0	Prof. Strufe	SS
DSE-2014-E2	Wireless Sensor Networks	6	Wireless Sensor Networks	2/2/0/0	Prof. Schill	SS
DSE-2014-E3	Distributed Operating Systems	6	Distributed Operating Systems	2/1/0/0	Prof. Härtig	SS
DSE-2014-E4	Component-Based Software Engineering	6	Component-Based Software Engineering	2/2/0/0	Prof. Aßmann	SS
DSE-2014-E5	Selected Areas of Internet-based Systems (Choose 2 out of 4)	12	Internet and Web Applications	2/2/0/0	Prof. Schill	SS
			Prediction and Estimation Techniques	2/2/0/0	Dr. Dargie	WS
			Wireless Sensor Networks	2/2/0/0	Dr. Dargie	SS
			App. Dev. for Mobile & Ubiquitous Computing	2/2/0/0	Prof. Schill	WS
DSE-2014-E6	Concurrent and Distributed Systems	12	Foundations of Concurrent & Distributed Systems	4/0/0/0	Prof. Fetzer	SS
			Lab: Concurrent & Distributed Systems	0/0/0/4	Prof. Fetzer	SS
DSE-2014-E7	Software Fault Tolerance	15	Software Fault Tolerance	2/2/0/0	Prof. Fetzer	SS
			Lab: Software Fault Tolerance	0/0/0/4	Prof. Fetzer	WS
			Seminar: Current Topics in Software Fault Tolerance	0/0/2/0	Prof. Fetzer	WS
DSE-2014-E8	Microkernel-Based Operating Systems	6	Microkernel-Based Operating Systems	2/1/0/0	Prof. Härtig	WS
DSE-2014-E9	Real-Time Systems	6	Real-Time Systems	2/1/0/0	Prof. Härtig	WS
DSE-2014-E10	App. Dev. for Mobile & Ubiquitous Comp.	6	App. Dev. for Mobile & Ubiquitous Computing	2/2/0/0	Prof. Schill	WS
DSE-2014-E11	Principles of Dependable Systems	9	Principles of Dependable Systems	2/2/0/0	Prof. Fetzer	WS
			Seminar: Current Topics in Dependable Systems	0/0/2/0	Prof. Fetzer	SS
DSE-2014-E12	Foundations of Computational Logic	9	Logic	2/2/0/0	Prof. Hölldobler	WS
			Science of Computational Logic	2/2/0/0	Prof. Hölldobler	WS
DSE-2014-E13	Advanced Topics in Systems Architecture	3	Katalog DSE-A		Prüf.ausschuss (exam. board)	WS
DSE-2014-E14	Advanced Topics in Distributed Systems	6	Katalog DSE-A		Prüf.ausschuss (exam. board)	WS

Aufteilung Credits

Pflicht (mandatory)	30
Wahlpflicht (elective)	48
Internship	12
Master	30
<i>Total</i>	<i>120</i>