

Technische Fakultät / Faculty of Engineering
Albert-Ludwigs-Universität Freiburg / University of Freiburg



Master of Science (1-Fach) im Fach / in the subject
Sustainable Systems Engineering
Prüfungsordnungsverion 2016
Programm nach Semestern / sorted by terms

Term	Module	Area	mandatory elective	hours				ECTS	cycle
				V	Ü	S	Pr		
Semester 1							30		
1	Solare Energie / Solar Energy Energiespeicherung / Energy Storage	Mandatory	P	?	?	0	0	5	WS
1	Netzeintegration und Regelung / Control and Integration of Grids	Mandatory	P	?	?	0	0	5	WS
1	Fortgeschrittene Materialketten / Advanced Materials Chains	Mandatory	P	?	?	0	0	5	WS
1	Computergestützte Werkstofftechnik / Computational Materials Engineering	Mandatory	P	?	?	0	0	5	WS
1	Grundlagen resilienter/stabiler Systeme / Fundamentals of Resilience	Mandatory	P	?	?	0	0	5	WS
Semester 2							30		
2	Bauelemente und Schaltungen der Leistungselektronik / Power Electronic Circuits and Devices	Wahlmodule / Electives	W	?	?	0	0	5	SS
2	Konzeption großer Infrastrukturen / Design of Large Infrastructures	Wahlmodule / Electives	W	?	?	0	0	5	SS
2	Sicherheit und Privatheit in resilienten Systemen / Security and Privacy in resilient Systems	Wahlmodule / Electives	W	?	?	0	0	5	SS
2	Concentration Bereich 1	Technical Concentrations	W	0	0	0	0	3,5,6	WS, SS
2	Concentration Bereich 1	Technical Concentrations	W	0	0	0	0	3,5,6	WS, SS
2	Concentration Bereich 2	Technical Concentrations	W	0	0	0	0	3,5,6	WS, SS
2	Concentration Bereich 2	Technical Concentrations	W	0	0	0	0	3,5,6	WS, SS
Semester 3							30		
3	Masterprojekt	Mandatory	P	0	0	0	?	5	WS
3	Nichttechnische Concentrations / Non-technical Concentrations	Non-technical Concentrations	W	0	0	0	0	?	WS, SS
3	Nichttechnische Concentrations / Non-technical Concentrations	Non-technical Concentrations	W	0	0	0	0	?	WS, SS
3	Concentration Bereich 1	Technical Concentrations	W	0	0	0	0	3,5,6	WS, SS
3	Concentration Bereich 2	Technical Concentrations	W	0	0	0	0	3,5,6	WS, SS
Semester 4							30		
4	Master's Thesis	-	P	0	0	0	0	27	WS, SS
4	Colloquium	-	P	0	0	2	0	3	WS, SS

Caption:

V=Lecture, Ü=Exercises/Tutorials, S=Seminar, Pr=Laboratory, P=Mandatory, W=Elective,
 WS=Winter term, SS= Summer term