

Recommended **STUDY PLAN** for Master of Science *Sustainable Systems Engineering*

status as of 07/2018; changes reserved

	Term 1	Term 2	Term 3	Term 4	
	<p>Compulsory modules (30 ECTS)</p> <ul style="list-style-type: none"> - Energy Storage - Control and Integration of Grids - Computational Materials' Engineering - Fundamentals of Resilience - Material Life Cycles (MLC) - Solar Energy 	<p>Compulsory elective modules (10 ECTS, two out of three)</p> <ul style="list-style-type: none"> - Monitoring and Design of Large Infrastructures - Power Electronic Circuits and Devices - Security and Privacy in Resilient Systems 	<p>Master's Project (5 ECTS)</p>	<p>Master's Thesis and Colloquium (30 ECTS)</p>	
		<p>Technical Specialization (20 - 35 ECTS, min. 10 ECTS each in two of the four areas)</p> <ul style="list-style-type: none"> - Energy Systems - Information Processing - Sustainable Materials - Resilience Engineering 			
		<p>Interdisciplinary Profile (10 - 25 ECTS)</p>			
ECTS	30	30	30	30	120

Info: ECTS is a standard for comparing the study attainment and performance of students of higher education across the European Union and other collaborating European countries. For successfully completed studies in the *Sustainable Systems Engineering* master's program, 120 ECTS credits are awarded. One ECTS credit equals on average 30 hours of workload.

For more information see the *Examination Regulations* of the program, they set the legal framework for the studies.

The available modules within these sections and the associated classes as well as their admission requirements are listed and described in detail in the respective module handbook.