Photovoltaics Engineering Science (M. Sc.)

Semester		Credits (≈ Tuition Hours per Week)																											
		1					6						12						18						24						30
	1.	Solar Cell Technologies						Renewable Energy Technologies and Applications						Solar Modules						Power Converters						Elective I					
	2.	Energy Storage Systems						System Design, Yield and Performance Analysis						Electric Grids and Solar Energy Integration						System and Components Reliability and Assessment						Elective II					
	3.	Master Thesis																											

		Credits	Share
	Modules directly related to solar energy engineering	48	53%
	Electives	12	13%
	Master thesis	30	33%
		90	100%

Elective I	Machine Learning & AI
	Internet Security
	German for Professional Practice I
Elective II	Solar Cell and Material Diagnostics
	Real Time Systems
	German for Professional Practice II

The summer semester (1.) starts in April, the winter semester (2.) in October.

15 weeks of tuition are followed by 2 weeks of examinations. A second examination period of 2 weeks follows directly before the next tuition period.

If a student decides to start in the winter semester, the modules of the above indicated 2nd semester will be taken before those of the 1st semester (semester sequence will then be 2-1-3).