



INATECH
DEPARTMENT OF SUSTAINABLE
SYSTEMS ENGINEERING

Overview of M.Sc. SSE courses offered by INATECH which are available only under certain conditions to ERASMUS / free mover students

Only students who are enrolled in an engineering Master program at their home university can attend Master courses of the M.Sc. Sustainable Systems Engineering program in Freiburg

Name of course	term	Restriction/condition
Characterization of solar cells: From feedstock to final cell efficiency	summer	exam must be taken at official examination date
Computational Modeling with Matlab	winter	not available for ERASMUS students
Electromobility	summer	exam must be taken at official examination date
Energy Storage	winter	exam must be taken at official examination date
Lightweight Design and Materials	winter	exam must be taken at official examination date
Master Project SSE	winter and summer	exam must be taken at official examination date
Materials Selection and Sustainable Development for Mechanical Engineering	winter	exam must be taken at official examination date
Photovoltaic Lab	winter and summer	exam must be taken at official examination date; max. 2 spots available
Power Electronics Circuits and Devices	summer	exam must be taken at official examination date
Power Electronics for E-Mobility	winter	not available for ERASMUS students
Python for Energy System and Sustainability Analysis	winter and summer	not available for ERASMUS students
Structural Robustness: Resilient Designs	winter	not available for ERASMUS students

All other M.Sc.-SSE-courses are available without restrictions to ERASMUS / free mover students - subject to change. Note that this overview only includes courses offered by INATECH. It does not include courses offered by other departments and faculties of the University of Freiburg offered within the M.Sc. SSE. If ERASMUS / free mover students are interested in such courses, they should contact the respective departments.

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