

MSc Energy Engineering,. Specialization: Sustainable Energy Resources

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration (min.)	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
Semester 1								
1.	Required	Fundamentals of Energy Engineering	MEE500	3	50	13	39	10
2.	Required	Sustainable Energy Resources	MEE510	3	50	13	39	10
3.	Required	Sustainable Built Environment	MEE520	3	50	13	39	10
Semester 2								
4.	Required	Master Thesis Proposal	MEE530	3	50	13	39	10
5.	Elective	Course 1 of Specialization		3	50	13	39	10
6.	Elective	Course 2 of Specialization		3	50	13	39	10
Semester 3								
7.	Required	Master Thesis	MEE540			13		20
8.	Elective	Course 3 of Specialization		3	50	13	39	10

Elective Courses – Specialization Sustainable Energy Resources

	Code	Course Title	ECTS
1.	MEER501	Energy Economics	10
2.	MEER502	Environmental Impact: Legislation and Standards	10
3.	MEER503	Energy and Environmental Policies	10
4.	MEER504	Introduction to Oil and Gas Exploration and Exploitation	10
5.	MEER505	LNG Processing, Storage, Transport and Distribution	10
6.	MEER506	Managing Risks and Crises in the Energy Industry	10

MSc Energy Engineering,. Specialization: Sustainable Built Environment

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration (min.)	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
Semester 1								
1.	Required	Fundamentals of Energy Engineering	MEE500	3	50	13	39	10
2.	Required	Sustainable Energy Resources	MEE510	3	50	13	39	10
3.	Required	Sustainable Built Environment	MEE520	3	50	13	39	10
Semester 2								
4.	Required	Master Thesis Proposal	MEE530	3	50	13	39	10
5.	Elective	Course 1 of Specialization		3	50	13	39	10
6.	Elective	Course 2 of Specialization		3	50	13	39	10
Semester 3								
7.	Required	Master Thesis	MEE540			13		20
8.	Elective	Course 3 of Specialization		3	50	13	39	10

Elective Courses – Specialization Sustainable Built Environment

	Code	Course Title	ECTS
1.	MEEB501	Energy Economics	10
2.	MEEB502	Environmental Impact: Legislation and Standards	10
3.	MEEB503	Energy and Environmental Policies	10
4.	MEEB504	Energy Design of Buildings and Energy Audits	10
5.	MEEB505	Building Environmental Design Tools – Building Information Modelling	10
6.	MEEB506	Building Environmental Design Tools – Geographic information system	10