

INSPIRE : International semester on Sustainable Practices, Innovation, Resilience and Energy

Academic Program 2026-2027

Semester 9

Course	Lec.	LwT	Tut.	Prac.	Project	Student Hours	ECTS Credits
Unit 9.1 Decarbonized Energy						102	8
Electrochemical Energy Storage Materials and Systems	22					22	1,8
Electrochemical Energy System Supervision	16	4		4		24	1,8
Renewable Energy Management	2	12		8		22	1,8
Nuclear Energy		20	4			24	1,8
Project					10	10	0,8
Unit 9.2 Resource Optimization						96	7
Valorization of Biological Resources	16			8		24	1,75
Sustainable Water Management	18		6			24	1,75
Shallow Geothermal Solutions	16		8			24	1,75
Mineral Resource Management	14					14	1
Project					10	10	0,75
Unit 9.3 Climate Change						82	6
Environmental Impact and Sustainability	12		12			24	1,75
Urban Physics	12	12				24	1,75
Environmental Analytics		12				12	0,875
Data-driven Diagnosis and AI		4		8		12	0,875
Project					10	10	0,75
Unit 9.4 Acceptability and Leadership						120	9
Multidisciplinary Project					100	100	7,5
Ecological Policies / Circular Economy	10		10			20	1,5
Unit 9.5 Course Evaluation						1	0
Total :						401	30

Lect. : Lecture
LwT : Lecture with Tutorial
Tut. : Tutorial
Prac. : Practical

According to the timetable, the personal work of the student for all the units of the semester is between 10 and 20 hours every week.