

**INSPIRE : International semester of Sustainable Practices,
Innovation, Resilience and Energy
Academic Program 2026-2027**

Semester 9

Course	Lec.	LwT	Tut.	Prac.	Project	Student Hours	ECTS Credits	Code
Unit 9.1 Decarbonized Energy						102	8	
Electrochemical Energy Storage Materials and Systems	22					22	1,8	925810
Electrochemical Energy System Supervision	16	4		4		24	1,8	925820
Renewable Energy Management	2	12		8		22	1,8	925830
Nuclear Energy		20	4			24	1,8	925840
Project UE 9.1 Inspire Decarbonized Energy					10	10	0,8	925850
Unit 9.2 Resource Optimization						96	7	
Valorization of Biological Resources	16			8		24	1,75	925910
Sustainable Water Management	18		6			24	1,75	925911
Shallow Geothermal Solutions	16		8			24	1,75	925912
Mineral Resource Management	14					14	1	925913
Project UE 9.2 Inspire Resource Optimization					10	10	0,75	925914
Unit 9.3 Climate Change						82	6	
Environmental Impact and Sustainability	12		12			24	1,75	926010
Urban Physics	12	12				24	1,75	926011
Environmental Analytics		12				12	0,875	926012
Data-driven Diagnosis and AI		4		8		12	0,875	926013
Project UE 9.3 Inspire Climate Change					10	10	0,75	926014
Unit 9.4 Acceptability and Leadership						120	9	
Multidisciplinary Project					100	100	7,5	926110
Ecological Policies / Circular Economy	10		10			20	1,5	926111
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.