



### Advisory Plan

#### <sup>st</sup> semester1

0904901	Advanced Mathematical Methods in Mechanical Engineering
0904907	Advanced Theoretical Mechanics
0904906	(Scientific Research (I
-	1 Elective*

#### <sup>nd</sup> semester2

0904903	Continuum Mechanics
0904904	Experimentation
0904905	Computational Mechanics and Advanced Techniques

#### (<sup>rd</sup> semester (Summer3

0904902	Optimization
-	2 Elective*

#### (<sup>th</sup> semester (online courses4

-	Elective 3: Intercultural Competences*
-	Elective 4: Scientific Research II*
-	Elective 5: Selected Topics in Mechanical Engineering*

### \*\*Electives list\*

Academic Year	2024-2025	2025-2026	-2026 2027	2027-2028	2028-2029
<b>Elective</b>					
1 Elective	Solar Energy and Power Generation	Elasticity and Plasticity	Radiation Heat Transfer	Optimal Control	Viscous Flow
2 Elective	Convection Heat Transfer	Socio-economic and Environmental Aspects of Energy	-Non Linear Vibrations	Turbulent Flow	Wave Propagation in Solid Mechanics

to be circulated \*\*\*