

**DIPARTIMENTO DI INGEGNERIA DELL' INNOVAZIONE**  
**Regulations Cycle 2025**  
**2 YEARS MASTER COURSE**  
**MATERIALS ENGINEERING AND NANOTECHNOLOGY**  
DM 270/04

SSD	SSD NUOVO	Modulo	CFU	Semestre	AF
<b>I ANNO – A.A. 2025/2026</b>					
CHIM/07	CHEM-06/A	CHEMISTRY 2	9	I	CARATTERIZZANTE
ING-IND/24	ICHI-01/B	TRANSPORT PHENOMENA II	6	I	CARATTERIZZANTE
ING-IND/21	IIND-03/C	PHYSICAL METALLURGY AND METALS PROCESSING	9	I	CARATTERIZZANTE
<b>TOTAL CREDITS I SEMESTER</b>			<b>24</b>		
FIS/03	PHYS-03/A	PHYSICS OF MATTER – MOD. 1 PHYSICS OF MATTER – MOD. 2	6 6	II	CARATTERIZZANTE
ING-IND/22	IMAT-01/A	SCIENCE, TECHNOLOGY AND SUSTAINABILITY OF POLYMERS	12	II	CARATTERIZZANTE
ING-IND/23	ICHI-01/A	ELECTROCHEMICAL TECHNOLOGIES	9	II	AFFINE
<b>TOTAL CREDITS II SEMESTER</b>			<b>33</b>		
<b>TOTAL CREDITS I YEAR</b>			<b>57</b>		
<b>II ANNO – A.A. 2026/2027</b>					
ING-IND/24	ICHI-01/B	HEAT AND MASS TRANSFER PHENOMENA IN COMPOSITES AND POLYMERS (PROPRIETA' DI TRASPORTO DEI MATERIALI)	9	I	CARATTERIZZANTE
		<b>CHOOSE TWO of the following mandatory courses:</b>			
ING-IND/22	IMAT-01/A	SUSTAINABLE MATERIALS FOR STRUCTURAL AND NON-STRUCTURAL APPLICATIONS	6	I	CARATTERIZZANTE
ING-IND/21	IIND-03/C	METALLIC MATERIALS: PROPERTIES AND APPLICATIONS	6	I	CARATTERIZZANTE
ING-IND/22	IMAT-01/A	COMPOSITE AND NANOCOMPOSITE MATERIALS	6	II	CARATTERIZZANTE
<b>CURRICULUM MATERIALS FOR SUSTAINABILITY</b>					
CHIM/07	CHEM-06/A	GREEN TECHNOLOGIES AND HYDROGEN FOR ENERGY STORAGE AND PRODUCTION (C.I.) MODULO A	3	I	CARATTERIZZANTE
ING-IND/23	ICHI-01/A	GREEN TECHNOLOGIES AND HYDROGEN FOR ENERGY STORAGE AND PRODUCTION (C.I.) MODULO B	6	I	AFFINE
<b>CURRICULUM MATERIALS FOR ELECTRONICS</b>					
FIS/03	PHYS-03/A	SEMICONDUCTOR PHYSICS AND TECHNOLOGY	9	I	CARATTERIZZANTE
<b>TOTALE CFU I SEMESTRE</b>			<b>30</b>		
<b>CURRICULUM MATERIALS FOR SUSTAINABILITY</b>					
ING-IND/22	IMAT-01/A	SUSTAINABLE CERAMIC MATERIALS	6	II	CARATTERIZZANTE
<b>CURRICULUM MATERIALS FOR ELECTRONICS</b>					
ING-INF/01	IINF-01/A	NANOTECHNOLOGIES FOR ELECTRONICS	6	II	AFFINE
<b>Electives:</b> Students are obliged to choose courses held in the English in a Master degree of the Faculty of Engineering. The choice can't affect single modules belonging to integrated courses.  (Gli studenti sono obbligati alla scelta di insegnamenti erogati in lingua inglese e attivati sui Corsi di Laurea Magistrale. La scelta non può interessare singoli moduli appartenenti a corsi integrati).			<b>12</b>		

	<b>TRAINING PERIOD (TIROCINIO)</b>	<b>3</b>	
	<b>FINAL EXAM (TESI)</b>	<b>12</b>	
	<b>TOTAL CREDITS II YEAR</b>	<b>63</b>	
	<b>TOTAL</b>	<b>120</b>	

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**UNIVERSITÀ  
DEL SALENTO**