

**DIPARTIMENTO DI INGEGNERIA DELL' INNOVAZIONE**  
**Manifesto degli studi a.a. 2024/2025**  
**2 YEARS MASTER COURSE**  
**MATERIALS ENGINEERING AND NANOTECHNOLOGY**  
**DM 270/04**

SSD	Modulo	CFU	Semestre	AF
<b>I ANNO – A.A. 2024/2025</b>				
CHIM/07	CHEMISTRY 2	9	I	CARATTERIZZANTE
ING-IND/24	TRANSPORT PHENOMENA II	6	I	CARATTERIZZANTE
ING-IND/21	PHYSICAL METALLURGY AND METALS PROCESSING	9	I	CARATTERIZZANTE
	<b>TOTAL CREDITS I SEMESTER</b>	<b>24</b>		
FIS/03	PHYSICS OF MATTER – MOD. 1 PHYSICS OF MATTER – MOD. 2	6 6	II	CARATTERIZZANTE
ING-IND/22	SCIENCE, TECHNOLOGY AND SUSTAINABILITY OF POLYMERS	12	II	CARATTERIZZANTE
ING-IND/23	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. 2023/2024</b>				
ING-IND/24	HEAT AND MASS TRANSFER PHENOMENA IN COMPOSITES AND POLYMERS (PROPRIETA' DI TRASPORTO DEI MATERIALI)	9	I	CARATTERIZZANTE
	<i><b>TWO of the following course:</b></i>			
ING-IND/22	SUSTAINABLE MATERIALS FOR STRUCTURAL AND NON-STRUCTURAL APPLICATIONS	6	I	CARATTERIZZANTE
ING-IND/21	METALLIC MATERIALS: PROPERTIES AND APPLICATIONS	6	I	CARATTERIZZANTE
ING-IND/22	COMPOSITE AND NANOCOMPOSITE MATERIALS	6	II	CARATTERIZZANTE
	<b>CURRICULUM MATERIALS FOR SUSTAINABILITY</b>			
CHIM/07	GREEN TECHNOLOGIES AND HYDROGEN FOR ENERGY STORAGE AND PRODUCTION (C.I.) MODULO A	3	I	CARATTERIZZANTE
ING-IND/23	GREEN TECHNOLOGIES AND HYDROGEN FOR ENERGY STORAGE AND PRODUCTION (C.I.) MODULO B	6	I	AFFINE
	<b>CURRICULUM MATERIALS FOR ELECTRONICS</b>			
FIS/03	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	SUSTAINABLE CERAMIC MATERIALS	6	II	CARATTERIZZANTE
	<b>CURRICULUM MATERIALS FOR ELECTRONICS</b>			
ING-INF/01	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).	12		
	<b>TRAINING PERIOD (TIROCINIO)</b>	3		
	<b>FINAL EXAM (TESI)</b>	12		
	<b>TOTAL CREDITS II YEAR</b>	<b>63</b>		
	<b>TOTAL</b>	<b>120</b>		



**UNIVERSITÀ  
DEL SALENTO**