

**Course Structure Diagram a.y. 2022/2023: Second Cycle Degree in PHOTOCHEMISTRY AND MOLECULAR MATERIALS (9074)**  
**CURRICULUM ENERGY**

<b>First Year</b>	<b>Period</b>	<b>SSD</b>	<b>CFU</b>	<b>TAF</b>
<b>Compulsory learning activities</b>				
9074 000 000 98672 - 0 - CRYSTAL ENGINEERING	1	CHIM/03	6	B
9074 000 000 91208 - 0 - FUNCTIONAL POLYMERIC MATERIALS	1	CHIM/04	6	B
9074 000 000 91224 - 0 - MATERIALS ORGANIC CHEMISTRY WITH LABORATORY	2	CHIM/06	6	B
9074 000 000 99153 - 0 - MOLECULAR AND SUPRAMOLECULAR PHOTOCHEMISTRY (8 CFU)	1	CHIM/03	12	B
9074 000 000 91910 - 0 - MOLECULAR MATERIALS: PROPERTIES AND MODELLING	2	CHIM/02	6	
9074 000 000 98678 - 0 - MOLECULAR NANOTECHNOLOGY	2	CHIM/03	6	B
9074 000 000 98675 - 0 - PHOTOACTIVE MATERIALS AND TECHNIQUES FOR ENERGY CONVERSION				
Modulo integrato: 98676 - PHOTOACTIVE MATERIALS FOR ENERGY CONVERSION	1	CHIM/03	6	B
Modulo integrato: 98677 - PHOTOCHEMISTRY LABORATORY		CHIM/03	4	B
9074 000 000 98673 - 0 - PHYSICAL CHEMISTRY: CHEMICAL AND ELECTROCHEMICAL PROPERTIES (C.I.)				
Modulo integrato: 91207 - MOLECULAR ELECTROCHEMISTRY	1	CHIM/02	6	B
Modulo integrato: 91909 - PROPERTIES AND PROCESSES IN THE CONDENSED PHASE		CHIM/02	6	B
<b>Second Year</b>	<b>Period</b>	<b>SSD</b>	<b>CFU</b>	<b>TAF</b>
<b>Compulsory learning activities</b>				
9074 000 000 98682 - 0 - APPLIED PHYSICAL CHEMISTRY (C.I.)				
Modulo integrato: 91238 - ELECTROCHEMICAL SYSTEMS FOR ENERGY STORAGE AND CONVERSION		CHIM/02	6	B
Modulo integrato: 98683 - LASERS		CHIM/02	6	B
9074 000 000 86228 - 0 - FINAL EXAMINATION			1	E

9074 000 000 91994 - 0 - FRONTIERS IN SCIENCE		3	F
9074 000 000 98714 - 0 - INTERNSHIP FOR PREPARATION FOR THE FINAL EXAMINATION (20 CFU)		20	E
<b>Elective learning activities</b>			
9074 000 000 97475 - 0 - ADVANCED ORGANIC SYNTHESIS FOR FUNCTIONAL MATERIALS	CHIM/06	6	C
9074 000 000 98716 - 0 - ENVIRONMENTAL PHOTOCHEMISTRY AND PHOTOPROTECTION	CHIM/03	6	C
9074 000 000 91239 - 0 - MATERIALS SPECTROSCOPY	CHIM/02	6	C
9074 000 000 91236 - 0 - ORGANIC ELECTRONICS: MATERIALS AND APPLICATIONS	CHIM/02	6	C
9074 000 000 97510 - 0 - POLYMERS FOR ENERGY AND ADVANCED APPLICATIONS	CHIM/04	6	C
9074 000 000 98715 - 0 - STATISTICAL TREATMENT OF EXPERIMENTAL DATA	CHIM/02	6	D
9074 000 000 91240 - 0 - STRUCTURAL DETERMINATION OF CRYSTALLINE SOLIDS	CHIM/03	6	C
<b>Free Choice learning activities</b>			
9074 000 000 97475 - 0 - ADVANCED ORGANIC SYNTHESIS FOR FUNCTIONAL MATERIALS	CHIM/06	6	C
9074 000 000 99126 - 0 - APPLIED BIOMATERIALS	CHIM/03	6	C
9074 000 000 99128 - 0 - ASTROBIOLOGY		6	C
9074 000 000 99127 - 0 - BIOMIMETIC SUPRAMOLECULAR CHEMISTRY	CHIM/03	6	C
9074 000 000 99124 - 0 - DIAGNOSTIC AND MICROFABRICATION TECHNIQUES FOR HEALTHCARE	CHIM/02	6	C
9074 000 000 99129 - 0 - ELECTRONIC AND OPTICAL MICROSCOPY	CHIM/03	6	C
9074 000 000 98716 - 0 - ENVIRONMENTAL PHOTOCHEMISTRY AND PHOTOPROTECTION	CHIM/03	6	C
9074 000 000 91239 - 0 - MATERIALS SPECTROSCOPY	CHIM/02	6	C
9074 000 000 91236 - 0 - ORGANIC ELECTRONICS: MATERIALS AND APPLICATIONS	CHIM/02	6	C
9074 000 000 91243 - 0 - PHOTOBIOPHYSICS AND PHOTOBIOLOGY	CHIM/02	6	C
9074 000 000 91237 - 0 - POLYMERIC MATERIALS FOR LIFE SCIENCE	CHIM/04	6	C
9074 000 000 97510 - 0 - POLYMERS FOR ENERGY AND ADVANCED APPLICATIONS	CHIM/04	6	C
9074 000 000 98715 - 0 - STATISTICAL TREATMENT OF EXPERIMENTAL DATA	CHIM/02	6	D
9074 000 000 91240 - 0 - STRUCTURAL DETERMINATION OF CRYSTALLINE SOLIDS	CHIM/03	6	C