



**UNIVERSITY OF NAPLES FEDERICO II
POLYTECHNIC AND SCIENCE SCHOOL**
Dept. of Biology
PhD School in Biotechnology
Coordinator Prof. Marco Moracci



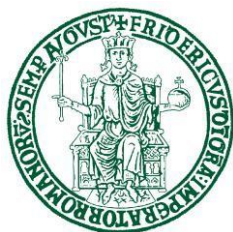
COURSES	MODULES	PROFESSOR IN CHARGE	PROFESSOR	DATE	H	CFU
VERSATILE NANO DISPLAY-PLATFORM BASED ON BACTERIA		STEFANY CASTALDI	RACHELE ISTICATO, STEFANY CASTALDI	15 th of January 2025	8	1
METHODOLOGIES FOR THE VALORIZATION AND BIO-TECHNOLOGICAL APPLICATIONS OF CARBOHYDRATES		SERENA TRABONI	SERENA TRABONI	3 rd , 7 th , 10 th of February 2025	8	1
ADVANCED NANOCARRIERS AND MATERIALS FOR DIAGNOSTICS, DRUG DELIVERY, AND TARGETED THERAPY.		ANDREA PATRIZIA FALANGA	GIORGIA OLIVIERO, VINCENZO CERULLO, ILARIA REA, ANDREA PATRIZIA FALANGA	8 th and 9 th of May, 2025	8	1
BIOACTIVE MOLECULES FROM NATURAL SOURCES: PURIFICATION AND APPLICATIONS		PAOLA IMBIMBO	PAOLA IMBIMBO, DARIA MARIA MONTI, ALESSIO CIMMINO	29 th -30 th May and 5 th 6 th of June 2025	8	1
SELF-ASSEMBLING PEPTIDE AND PROTEIN AMYLOIDS: FROM STRUCTURE TO BIOTECHNOLOGICAL APPLICATIONS		PAOLA CICATIELLO	ALESSANDRA PISCITELLI, PAOLA CICATIELLO	9 th -10 th -11 th of June 2025	8	1
DRIVING FERMENTATION STRATEGIES: NEW FRONTIERS IN BIOCATALYST SELECTION AND PROCESS CONTROL		CONCETTA LAURO	CONCETTA LAURO	16 th , 17 th , 23 th and 24 th , of July 2025	8	1
BIOPLASTICS FOR A SUSTAINABLE DEVELOPMENT			CONCETTA VALERIA L. GIOSAFATTO	11 th -12 th of November 2025	8	1
SUSTAINABILITY OF INDUSTRIAL BIOTECHNOLOGICAL PROCESSES. ECONOMIC, ENVIRONMENTAL, AND SOCIAL INDICATORS		PIERO SALATINO	PIERO SALATINO, ANTONIO MARZOCHELLA	26 th and 27 th of January 2026	8	1
INTRODUCTION TO DATA ANALYSIS		RAFFAELE VELOTTA	RAFFAELE VELOTTA	28 th -30 th January 2026	8	1



UNIVERSITY OF NAPLES FEDERICO II
POLYTECHNIC AND SCIENCE SCHOOL
Dept. of Biology
PhD School in Biotechnology
Coordinator Prof. Marco Moracci



FROM THEORY TO PRACTICE: WRITING A SUCCESSFUL SCIENTIFIC PAPER		VIOLA CALABRÒ	VIOLA CALABRÒ, DARIA MONTI	26 th of January -13 th of February 2026	8	1
RESEARCH MANAGEMENT, INTELLECTUAL PROPERTY, SCIENCE OUTREACH, AND ENTREPRENEURSHIP	RESEARCH MANAGEMENT AND KNOWLEDGE OF EUROPEAN AND INTERNATIONAL RESEARCH SYSTEMS	DONATO GIOVANNELLI	MARCO MORACCI / DR. MAURO DI FENZA	2 nd and 3 rd of March 2026	16	2
	PATENTS AND INTELLECTUAL PROPERTY MANAGEMENT		DONATO GIOVANNELLI	11 st , 12 nd e 13 th of March 2026		
	OUTREACH AND THE PUBLIC FACE OF SCIENCE					
	START-UP, ENTREPRENEURSHIP, AND BUSINESS CREATION					
PROTEIN STRUCTURE VISUALIZATION AND ANALYSIS		EUGENIO NOTOMISTA	EUGENIO NOTOMISTA	4 th of June 2026 11 th of June 2026 18 th of June 2026	8	1
IN-SILICO AND BIOCHEMICAL APPROACHES FOR ENZYME DISCOVERY AND THEIR BIOTECHNOLOGICAL APPLICATIONS	ANALYSIS IN-SILICO FOR ENZYME DISCOVERY THROUGH METAGENOMICS	ANDREA STRAZZULLI	ANDREA STRAZZULLI, ROBERTA IACONO, FEDERICA DE LISE	25 th and 26 th June 2026	8	2
	CARBOHYDRATE ACTIVE ENZYMES FOR BIOREFINERIES – Part 1					
	CARBOHYDRATE					



UNIVERSITY OF NAPLES FEDERICO II
POLYTECHNIC AND SCIENCE SCHOOL
Dept. of Biology
PhD School in Biotechnology
Coordinator Prof. Marco Moracci



	ACTIVE ENZYMES FOR BIOREFINERIES – Part 2					
MICROSCOPIC METHODOLOGIES FOR LIFE AND MATERIALS SCIENCES	TRANSMISSION ELECTRON MICROSCOPY and SCANNING ELECTRON MICROSCOPY; PRACTICAL EXERCISE	ROSA GAGLIONE	ROSA GAGLIONE, ROCCO DI GIROLAMO	13 th July 2026	8	1
	OPTICAL MICROSCOPY, FLUORESCENCE MICROSCOPY and CONFOCAL MICROSCOPY; PRACTICAL EXERCISE			14 th of July 2026		
INTRODUCTION TO PROTEOMICS AND ITS APPLICATIONS IN BIOTECH FIELD		FLORA COZZOLINO	FLORA COZZOLINO	21 st 22 th 23 th 24 th Of July 2026	8	1

**ENROLLMENT IS MANDATORY FOR ALL THE COURSES.
TO ENROLL, SEND AN E-MAIL TO THE PROFESSOR IN CHARGE.**

PHD CANDIDATES SHALL BE REQUIRED TO PARTICIPATE IN A TOTAL OF ONE HUNDRED TWENTY (120) HOURS OF EDUCATIONAL ACTIVITIES THROUGHOUT THE FIRST TWO YEARS OF THE PHD CYCLE, AS CONTAINED IN THEIR STUDY PLAN.
EACH PHD CANDIDATE SHALL EARN NO FEWER THAN FORTY (48) HOURS (6 cfu) IN COURSES ACTIVATED WITHIN THE DOCTORATE.

Courses activated within the 40th cycle.