

# UNIVERSITY OF NAPLES FEDERICO II POLYTECHNIC AND SCIENCE SCHOOL Dept. of Biology



### PhD School in Biotechnology Coordinator Prof. Marco Moracci

Courses activated within the 39th cycle						
COURSES	PROFESSOR	DATE	Н	Н	SSD	COURSES
PROTEIN STRUCTURE VISUALIZATION AND ANALYSIS	EUGENIO NOTOMISTA	12 <sup>th</sup> and 19 <sup>th</sup> of June 2024	5	15	FIS07, BIO10	DATA ANALYSIS AND BIOINFORMATIC APPLIED TO BIOTECHNOLOGY
INTRODUCTION TO DATA ANALYSIS	RAFFAELE VELOTTA	7th and 9 <sup>th</sup> of February 2024	8			
ANALYSIS IN-SILICO FOR ENZYME DISCOVERY THROUGH METAGENOMICS	ANDREA STRAZZULLI	15 <sup>th</sup> of November 2024	2			
CARBOHYDRATE ACTIVE ENZYMES FOR BIOREFINERIES	ROBERTA IACONO, FEDERICA DE LISE	25 <sup>th</sup> of July 2024	4	24		BIOCHEMISTRY APPLIED TO BIOTECHNOLOGY
ENZYMES AS ADDITIVES OR PROCESSING AIDS	LOREDANA MARINIELLO	9th ,10th and 11th of December 2024	8		BIO10	
SELF-ASSEMBLING PEPTIDE AND PROTEIN AMYLOIDS: FROM STRUCTURE TO BIOTECHNOLOGICA L APPLICATIONS	ALESSANDRA PISCITELLI, PAOLA CICATIELLO	9 <sup>th</sup> -10 <sup>th</sup> -11 <sup>th</sup> of June 2025	6			
BIOACTIVE MOLECULES FROM NATURAL SOURCES: PURIFICATION AND APPLICATIONS	PAOLA IMBIMBO, DARIA MARIA MONTI	28 <sup>th</sup> -29 <sup>th</sup> of May 2025	6			
BIOPLASTICS FOR A SUSTAINABLE DEVELOPMENT	CONCETTA VALERIA L. GIOSAFATTO	11 <sup>th</sup> -12 <sup>th</sup> of Novembrer 2025	6	20	BIO10 CHIM 06, BIO19	NEW PROCESSES AND MATERIALS OF BIOTECHNOLOGIC AL INTEREST
ADVANCED NANOCARRIERS AND MATERIALS FOR DIAGNOSTICS, DRUG DELIVERY,	GIORGIA OLIVIERO, VINCENZO CERULLO, ILARIA REA	May, 7 <sup>th</sup> and 9 <sup>th</sup> 2025	12			



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AND TARGETED THERAPY.						
VERSATILE NANO DISPLAY-PLATFORM BASED ON BACTERIA	RACHELE ISTICATO/STEFANY CASTALDI	15 <sup>th</sup> of january 2025	2			
SUSTAINABILITY OF INDUSTRIAL BIOTECHNOLOGICA L PROCESSES. ECONOMIC, ENVIRONMENTAL, AND SOCIAL INDICATORS	PIERO SALATINO, ANTONIO MARZOCCHELLA	4 <sup>th</sup> and e 5 <sup>th</sup> of July 2024	8			INDUSTRIAL BIOTECHNOLOGIC AL PROCESSES REGULATORY, ECONOMIC, ENVIRONMENTAL AND SOCIAL ASPECTS
PATENTS AND INTELLECTUAL PROPERTY MANAGEMENT	DONATO GIOVANNELLI	11 <sup>st</sup> , 12 <sup>nd</sup> e 13 <sup>th</sup> of March 2024	10	33	ING- IND33 , BIO19	
OUTREACH AND THE PUBLIC FACE OF SCIENCE	DONATO GIOVANNELLI		5			
START-UP, ENTREPRENEURSHI P, AND BUSINESS CREATION	DONATO GIOVANNELLI		10			
MICROSCOPIC METHODOLOGIES FOR LIFE AND MATERIALS SCIENCES	ROSA GAGLIONE, ROCCO DI GIROLAMO	15 <sup>th</sup> and 16 <sup>th</sup> of July 2024	6			
INTRODUCTION TO PROTEOMICS AND ITS APPLICATIONS IN BIOTECH FIELD	FLORA COZZOLINO	23 <sup>th</sup> 24 <sup>th</sup> and 25 <sup>th</sup> of July 2024	6	16	BIO10 , CHIM 04	INNOVATIVE METHODOLOGIES for BIOTECHNOLOGIE S
REAL-TIME BIOMOLECULAR INTERACTION ANALYSES BY SURFACE PLASMON RESONANCE	VALERIA CAFARO	17 <sup>th</sup> 24 <sup>th</sup> of November 2025	4			
FIRST STEPS IN WRITING AND PUBLISHING A	VIOLA CALABRÒ, DARIA MONTI	16 <sup>th</sup> , 17 <sup>th</sup> and 23 <sup>th</sup> of September 2024	6	8	BIO10	VALORIZATION OF RESEARCH, AND (INTER)NATIONAL



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SCIENTIFIC MANUSCRIPT					FINANCING SYSTEMS
RESEARCH MANAGEMENT AND KNOWLEDGE OF EUROPEAN AND INTERNATIONAL RESEARCH SYSTEMS	MARCO MORACCI / DR. MAURO DI FENZA	6 <sup>th</sup> of June 2024	2		