



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 | H | H | SSD | COURSES |
|---|--|--|----|----|-------------------------------------|--|
| PROTEIN STRUCTURE VISUALIZATION AND ANALYSIS | EUGENIO NOTOMISTA | 12 th and 19 th of June 2024 | 5 | 15 | FIS07, BIO10 | DATA ANALYSIS AND BIOINFORMATIC APPLIED TO BIOTECHNOLOGY |
| INTRODUCTION TO DATA ANALYSIS | RAFFAELE VELOTTA | 7 th and 9 th of February 2024 | 8 | | | |
| ANALYSIS IN-SILICO FOR ENZYME DISCOVERY THROUGH METAGENOMICS | ANDREA STRAZZULLI | 15 th of November 2024 | 2 | | | |
| | | | | | | |
| CARBOHYDRATE ACTIVE ENZYMES FOR BIOREFINERIES | ROBERTA IACONO, FEDERICA DE LISE | 25 th of July 2024 | 4 | 24 | BIO10 | BIOCHEMISTRY APPLIED TO BIOTECHNOLOGY |
| ENZYMES AS ADDITIVES OR PROCESSING AIDS | LOREDANA MARINIELLO | 9 th , 10 th and 11 th of December 2024 | 8 | | | |
| SELF-ASSEMBLING PEPTIDE AND PROTEIN AMYLOIDS: FROM STRUCTURE TO BIOTECHNOLOGICAL APPLICATIONS | ALESSANDRA PISCITELLI, PAOLA CICATIELLO | 9 th -10 th -11 th of June 2025 | 6 | | | |
| BIOACTIVE MOLECULES FROM NATURAL SOURCES: PURIFICATION AND APPLICATIONS | PAOLA IMBIMBO, DARIA MARIA MONTI | 28 th -29 th of May 2025 | 6 | | | |
| | | | | | | |
| BIOPLASTICS FOR A SUSTAINABLE DEVELOPMENT | CONCETTA VALERIA L. GIOSAFATTO | 11 th -12 th of November 2025 | 6 | 20 | BIO10 CHIM 06, BIO19 FIS01, CHIM 06 | NEW PROCESSES AND MATERIALS OF BIOTECHNOLOGICAL INTEREST |
| ADVANCED NANOCARRIERS AND MATERIALS FOR DIAGNOSTICS, DRUG DELIVERY, | GIORGIA OLIVIERO, VINCENZO CERULLO, ILARIA | May, 7 th and 9 th 2025 | 12 | | | |



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| AND TARGETED THERAPY. | REA, Andrea Patrizia Falanga | | | | | |
| VERSATILE NANO DISPLAY-PLATFORM BASED ON BACTERIA | RACHELE ISTICATO/STEFANY CASTALDI | 15th of January 2025 | 2 | | | |
| SUSTAINABILITY OF INDUSTRIAL BIOTECHNOLOGICAL PROCESSES. ECONOMIC, ENVIRONMENTAL, AND SOCIAL INDICATORS | PIERO SALATINO, ANTONIO MARZOCHELLA | 4th and e 5th of July 2024 | 8 | 33 | ING-IND33 , BIO19 | INDUSTRIAL BIOTECHNOLOGICAL PROCESSES REGULATORY, ECONOMIC, ENVIRONMENTAL AND SOCIAL ASPECTS |
| PATENTS AND INTELLECTUAL PROPERTY MANAGEMENT | DONATO GIOVANNELLI | 11st, 12nd e 13th of March 2024 | 10 | | | |
| OUTREACH AND THE PUBLIC FACE OF SCIENCE | DONATO GIOVANNELLI | | 5 | | | |
| START-UP, ENTREPRENEURSHIP, AND BUSINESS CREATION | DONATO GIOVANNELLI | | 10 | | | |
| MICROSCOPIC METHODOLOGIES FOR LIFE AND MATERIALS SCIENCES | ROSA GAGLIONE, ROCCO DI GIROLAMO | 15th and 16th of July 2024 | 6 | 16 | BIO10 , CHIM04 | INNOVATIVE METHODOLOGIES for BIOTECHNOLOGIES |
| INTRODUCTION TO PROTEOMICS AND ITS APPLICATIONS IN BIOTECH FIELD | FLORA COZZOLINO | 23th 24th and 25th of July 2024 | 6 | | | |
| REAL-TIME BIOMOLECULAR INTERACTION ANALYSES BY SURFACE PLASMON RESONANCE | VALERIA CAFARO | 17th 24th of November 2025 | 4 | | | |
| FIRST STEPS IN WRITING AND PUBLISHING A | VIOLA CALABRÒ, DARIA MONTI | 16th, 17th and 23th 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 th of June 2024 | 2 | | | |