



PIANO DI STUDIO ADVANCED BIOTECHNOLOGY (60/80) – COORTE 2024

Insegnamento	Codice AD	SSD	Tipologia AD	CFU Lezioni/ laboratori	Ore
1° anno (A.A. 2024-25)					
Basic Principles of Drug Discovery and Development	BF/0082/EN	CHIM/08+ CHIM/09+ BIO/14	CA+CA+CA	9 (3+3+3)	72
Biotechnology of Fermentations and Biochemical Methods	BF/0085/EN	CHIM/08+ BIO/10	CA+CA	7 [3F+(3F+1L)]	60
Green Chemistry and Bioconjugation	BF/0083/EN	CHIM/06	CA	6	48
Advanced Methods for Drug Screening in Infectious Diseases	BF/0086/EN	BIO/19	CA	9 (7F+2L)	80
Advanced Methodologies for Preclinical Drug Studies	BF/0087/EN	BIO/14+BIO/11	CA+CA	6 (3+3)	48
Cellular and Molecular Bases of Cancer and Tissue Regeneration	BF/0084/EN	MED/04	CA	7 (5F+2L)	64
Nanomaterials Applied to Biotechnological and Diagnostics Compounds and Methods	BF/0088/EN	CHIM/02	CA	6 [(2F+1L)+(2F+1L)]	56



Insegnamento	Codice AD	SSD	Tipologia AD	CFU Lezioni/ laboratori	Ore
2° anno (A.A. 2025-26)					
Genomics and Transcriptomics (IC Omics Sciences)	BF/0090/EN (BF/0089/EN)	BIO/18+BIO/ 19	CA+CA	6[(2F+1L)+(2F+1L)]	56
Proteomics and Metabolomics (IC Omics Sciences)	BF/0091/EN (BF/0089/EN)	BIO/10+MED /05	CA+CA	6[(2F+1L)+(2F+1L)]	56
Structural Bioinformatics and CADD	BF/0092/EN	CHIM/08	AF	6 (4F+2L)	56
Manufacturing of Biotechnological Medicines	BF/0093/EN	CHIM/09	CA	8 (6F+2L)	72
Bioethics, Clinical Trial Design Pharmacovigilance	BF/0094/EN	MED/43+CHI M/09	AF+AF	6 (3+3)	48
Optional Teaching Activities			ST	12	
Internship	BF/0095/EN		AA	15	
Thesis	BF/0046/EN		FI	11	