

CORSO DI LAUREA IN CHIMICA E TECNOLOGIA FARMACEUTICHE (LM-13)

Elenco insegnamenti approvati come corsi a scelta (tipologia D) per l'a.a. 2025-2026 (Approvazione CpD del ____)

Corso di Studi	Cod. Ins.	Denominazione dell'insegnamento *	SSD	CFU
CdLM in Chemistry D342/D628	2000916	Advanced biological chemistry	BIOS-07/A	6
	2000937	Industrial biotechnology	CHEM-02/A	6
	2000925	Protein crystallography	CHEM-03/A	6
	2014366	Smart materials and nanocarriers	CHEM-03/A	6
	2000926	Surface chemistry and nanomaterials	CHEM-02/A	6
	2019753	Applied computational Chemistry	CHEM-05/A	3
	2016802	Bioinformatics	BIOS-07/A	6
	2000921	Biophysical Chemistry	CHEM-02/A	6
	2019752	Electrochemistry	CHEM-03/A	3
	2000931	Elements of computational organic spectroscopy	CHEM-05/A	3
	2017388	Emerging synthetic methodologies	CHEM-05/A	3
	2019754	Fragrance chemistry: Design, synthesis and olfactory modulation	CHEM-05/A	3
	2014818	Green chemistry	CHEM-05/A	3
	2000939	Green chemistry and catalysis	CHEM-05/A	6
	2019756	Quantum chemistry with application to thermal and photochemical organic reactions	CHEM-02/A	6
	2019749	Multiconfigurational methods in computational chemistry	CHEM-05/A	3
	2000942	NMR Applications for food chemistry	CHEM-03/A	6
	2019751	Physical chemistry for cultural heritage	CHEM-02/A	6
	2000936	Remediation of contaminate sites	CHEM-02/A	6
	2019750	Retrosynthesis: Designing synthetic routes to organic molecules	CHEM-05/A	3
	2000938	Sustainable and efficient energy	CHEM-02/A	6
CdLM In Sustainable Industrial Pharmaceutical Biotechnology D303/D574	I.C. Big Data, Bioinformatics and Computational Chemistry			
	2019820	Big Data issues in Computational Biological Chemistry 1: Biology tools and Bioinformatics	BIOS-07/A	3
	2019821	Big Data issues in Computational Biological Chemistry 2: Application of artificial intelligence	BIOS-07/A	3
	2019818	Computational Chemistry and Design of Molecular materials	CHEM-05/A	3
	2019819	Machine learning approaches to Computational Chemistry	CHEM-05/A	3
	2019822	Data Analysis and Visualization in Biochemistry	BIOS-07/A	3
	I.C. Pharmaceutical Products			
	2019800	Bioconjugate chemistry	CHEM-05/A	3
	2019799	Green chemistry	CHEM-05/A	3
	2019801	Vaccines in the 21 st century	BIOS-07/A	3
	2019802	Molecular Biology of Cancer	BIOS-08/A	3
	2019803	Rational Treatment of Cancer	BIOS-08/A	3
	I.C. Sustainability, Management & Regulatory Affairs			
	2019809	Management control and Sustainable development	ECON-06/A	3
	2019811	International regulatory affairs	CHEM-08/A	3
	2019806	Life cycle thinking	CHEM-02/A	3
	2019807	Eco-Design in Industrial Biotechnology	CHEM-02/A	3
	2019808	Management control: Fundamentals	ECON-06/A	3
	2019810	International Management	ECON-07/A	3
	I.C. Biobased Products			
	2019813	Advanced analytical chemistry 1: Exploratory data analysis	CHEM-01/A	3
	2019814	Advanced analytical chemistry 2: Modelling and multivariate analysis	CHEM-01/A	3
	2019815	Advanced chemical biology	BIOS-07/A	3
	2019816	Bioeconomy, Bio-based industry	BIOS-07/A	3
CdLM in Farmacia FF003	2015276	Biochimica della nutrizione	BIOS-07/A	6
	2015282	Farmaci da banco	BIOS-11/A	6
	2015283	Farmacologia clinica e farmacovigilanza	BIOS-11/A	6
	2015278	Fitoterapia	BIOS01/D	6
	2015285	La complessità del rapporto farmacista/paziente: per una pedagogia della cura	PAED-01/A	6
	2015284	Materiali polimerici di interesse farmaceutico	CHEM-03/A	6
	2015277	Nutraceutici e alimenti funzionali	CHEM-07/A	6
	2015280	Prodotti cosmetici	CHEM-08/A	6
	2015281	Tecnologia legislazione dei prodotti cosmetici	CHEM-08/A	6
CdLM in Biologia	2012363	Farmacogenetica, farmacogenomica e farmacologia oncologica	BIOS-11/A	6

D586				
CdL in Scienze Biologiche	101486	Ecologia	BIOS-05/A	6
	102008	Genetica	BIOS-14/A	9
D629/SE001	108317	Igiene generale, prevenzione e sicurezza	MEDS-24/B	6
CdLM in Biologia Sanitaria D607	101573	Ecotossicologia	BIOS-05/A	6
CdL in Scienze Ambientali Naturali SE005	100429	Botanica Farmaceutica	BIOS-01/D	6
CdL in Biotecnologie ME001/D583	2012107	Igiene e Vaccini (Frequenza obbligatoria)	MEDS-24/B	6

* Questi insegnamenti servono a coprire i 10 crediti di tipologia (TAF D) “ *A scelta studente*” presenti nel piano degli studi del CDLM in CTF. Per questo fine non possono essere utilizzati corsi di tipologia (TAF E) “*Ulteriori attività formative utili per l’inserimento non mondo del lavoro*” erogati dall’Università di Siena.

N.B. Secondo quanto deliberato dal CpD, la lista è solo una libera guida per lo studente, possono essere scelti, quali insegnamenti a scelta dello studente senza ulteriore approvazione, tutti gli insegnamenti che rientrano nei SSD BIO, CHIM, MED, FIS, ING, INF, MAT