



UNISS
UNIVERSITÀ
DEGLI STUDI
DI SASSARI

UNIVERSITY OF SASSARI - DEPARTMENT OF MEDICINE, SURGERY AND PHARMACY

FIVE-YEAR DEGREE IN PHARMACEUTICAL CHEMISTRY AND TECHNOLOGY (class LM13, code A203/A158/1199)

Academic Year 2025/2026

First Year - cohort 2025/2026

Year	Semester	Code	Course Unit	Course ECTS	Module code	Module	Module ECTS
1	1	40000904	HUMAN ANATOMY WITH ELEMENTS OF ANIMAL BIOLOGY	8			
1	1	40000672	PHYSICS	6			
1	1	A003812	MATHEMATICS WITH ELEMENTS OF MEDICAL STATISTICS	8	A003786	ELEMENTS OF MEDICAL STATISTICS	2
					A001953	MATHEMATICS WITH STATISTICAL ELEMENTS	6
1	2	A003813	GENERAL AND INORGANIC CHEMISTRY WITH ELEMENTS OF STOICHIOMETRY	12			
1	2	40000994	MICROBIOLOGY WITH ELEMENTS OF MEDICAL TERMINOLOGY	10			
1	2	A003814	PREVENTION AND PROTECTION OF WORKING RISKS IN LABORATORY AND PHARMACIES	2			

Second Year - cohort 2024/2025

Year	Semester	Code	Course Unit	ECTS	Module code	Module	Module ECTS
2	1	40000643	ANALYTICAL CHEMISTRY	6			
2	1	40000646	ORGANIC CHEMISTRY	9			
2	1	A003815	PHARMACEUTICAL ANALYSIS LABORATORY	6			
2	1	40000424	ENGLISH LANGUAGE	6			
2	2	A003816	CELLULAR AND MOLECULAR BIOCHEMISTRY	10			
2	2	40000852	PHYSICAL CHEMISTRY	6			
2	2	40000855	ADVANCED ORGANIC CHEMISTRY	7			
2	2	40000872	PHYSIOLOGY	8			

Third Year - cohort 2023/2024

Year	Semester	Code	Course Unit	ECTS	Module code	Module	Module ECTS
3	1	10B40200	PHARMACEUTICAL BIOLOGY	10	A003818	PLANT BIOLOGY WITH ELEMENTS OF PHARMACEUTICAL BOTANY	4
					A003819	MORPHOLOGY AND DIAGNOSTICS OF DRUGS AND CHEMISTRY OF SECONDARY METABOLITES	6
3	1	40003476	GENERAL PHARMACEUTICAL CHEMISTRY	6			
3	1	A003817	COMPUTER SCIENCES AND DATA ANALYSIS	6			
3	1	40000887	PHYSICAL METHODS IN ORGANIC CHEMISTRY	6			
3	2	40000992	BIOCHEMICAL METHODOLOGIES	9			
3	2	A003820	BASIC PRINCIPLES OF PHARMACOLOGY-TOXICOLOGY	10			
3	2	A003821	PHARMACEUTICAL AND REGULATORY TECHNOLOGY	8			
3	1,2	40004077	STUDENT OPTIONAL ACTIVITIES	3			

Forth year - cohort 2022/2023

Year	Semester	Code	Course Unit	ECTS	Module code	Module	Module ECTS
4	1	40000931	PHARMACEUTICAL CHEMISTRY	12			
4	1	A002446	LABORATORY OF DRUG DESIGN AND SYNTHESIS	9			
4	2	40000822	ORGANIC QUALITATIVE PHARMACEUTICAL CHEMICAL ANALYSIS	9			
4	2	40000869	PHARMACOLOGY AND PHARMACOTHERAPY	11			
4	2	40003648	TECHNOLOGY, SOCIOECONOMICS AND PHARMACEUTICAL LEGISLATION	12			
4		10000305	TRAINING	15			

Fifth year - cohort 2021/2022

Year	Semester	Code	Course Unit	ECTS	Module code	Module	Module ECTS
5	1	A001800	PHARMACEUTICAL BOTANY AND ELEMENTS OF PHARMACOGNOSY	6			
5	1	A001239	INDUSTRIAL MANUFACTURING OF MEDICINES	6			
5	2	40000848	APPLIED PHARMACEUTICAL CHEMISTRY	8			
5	2	40000849	ADVANCED PHARMACEUTICAL CHEMISTRY	9			
5	2	40005035	FINAL TEST	26	40003887	FINAL DISSERTATION	2
					40003885	DRAWING UP THE SCRIPT	9
					40003884	CONDUCT OF RESEARCH AND PREPARATORY STUDIES	15
5		10000306	TRAINING	15			