

COURSES

ACADEMIC YEAR 2026/2027

L-BIOLOGY FOR ONE HEALTH CLASSE L-13

School: Polytechnic and Basic Science

Department: Biology

Regulations in force since the academic year 2025/2026

STUDY PLAN				
YEAR I				
Title Course	SSD	Credits	Credits Lessons/Lab	PROFESSOR
CELL AND TISSUE BIOLOGY (WITH LABORATORY)	BIOS-04/A	10	8+2	CHIARA MARIA MOTTA
PLANT BIOLOGY (WITH LABORATORY)	BIOS-01/A	10	8+2	ALESSIA POSTIGLIONE
ZOOLOGY FOR ONE HEALTH (WITH LABORATORY)	BIOS-03/A	10	8+2	MICHAEL KUBA
ORGANIC CHEMISTRY AND PRINCIPLES OF CHEMICAL BIOLOGY (WITH LABORATORY)	CHEM-05/A	12	10+2	ROBERTA MARCHETTI
BIOMATHEMATICS	MATH-03/A/B	6	6	MARIA ROSARIA POSTIGLIONE

YEAR II				
Denominazione Insegnamento	SSD	Credits	Credits Lessons/Lab	PROFESSOR
ONE HEALTH MOLECULAR FOUNDATIONS (WITH LABORATORY)	BIOS-08/A	10	8+2	ALDO DONIZETTI
BASIC AND ENVIRONMENTAL BIOCHEMISTRY (WITH LABORATORY)	BIOS-07/A	10	8+2	MARTINA AULITTO
PHYSIOLOGY OF HEALTH AND WELL-BEING (WITH LABORATORY)	BIOS-06/A	10	8+2	ARIANNA MAZZOLI
MICROBIOLOGY AND GLOBAL HEALTH (WITH LABORATORY)	BIOS-15/A	10	8+2	ANGELINA CORDONE
NATURAL AND MAN-MADE HABITATS (WITH LABORATORY)	BIOS-05/A	10	8+2	GIULIA MAISTO
PHYSICS AND ELEMENTS OF STATISTICS	PHYS-06/A	6	6	GIULIA GUBITOSI

YEAR III				
Genetics and genomics for one-health (with laboratory)	BIOS-14/A	8 + 2	64 + 16	
Human pathology (with laboratory)	MEDS-02/A	5 + 1	40 + 8	
General and applied hygiene (with laboratory)	MEDS-24/B	5 + 1	40 + 8	
Physiology of crops and food improvement (with laboratory)	BIOS-02/A	8+2	64+16	
Diseases dynamics and models in a changing world (with laboratory)	MVET-02/A	6+2	48+16	
Topics in one-health and case studies (with laboratory)	BIOS-05/A	6	48	
At the student's choice activity		12	96	
Further knowledge useful for job placement / further linguistic knowledge *		8	200	
Thesis Activity		10	250	