

**Professional Master - M2
Applied Microbiology
2026-2027**

Semester 3	Course						
	Code	Title	Credits	C	TS	LS	Hours
	MICA 506	Quantitative Risk Assessment	3	24			24
	MICA 515	Biomedical, veterinary, and pharmaceutical microbiology	3	16	12		28
	MICA 517	Microbiological and Food Process engineering	3	8	24		32
	MICA 521	Molecular mechanisms of microbial pathogenicity	3	16	12		28
	MICA 522	Microorganisms and environment, risk management	3	24			24
	MICA 523	Food microbiology and safety	3	16	12		28
	MICA 524	Research strategies and scientific monitoring	3		36		36
	MICA 525	Molecular Virology and its applications	3	24			24
	MICA 503	Antimicrobial agents and resistance	2	12	8		20
	MICA 527	Sociomicrobiology and Metagenomic approaches	3	24			24
	ENGL 591	Scientific English & Communication skills	1		20		20
	Total		30	164	124		288

Semester 4	Course						
	Code	Title	Credits	C	TS	LS	Hours
	MICA 580	Master Thesis	30				
	Total		30				