



DEGREE PROGRAM ACADEMIC YEAR 2025/2026

**Classe LM-61 R - Human Nutrition and Food Science (D.M. 270/04)
Master's Degree Course "NUTRITION AND FOOD SCIENCES"**

	DISCIPLINA	Tipologia	SETTORE		CFU	Tot. Ore
	FIRST YEAR					
1	DIETARY AND NUTRITIONAL BIOCHEMISTRY	Caratt.	BIO/10		12	96
2	FOOD MICROBIOLOGY AND HYGIENE	Caratt.	AGR/16		7	56
3	COMBINED COURSE: NUTRITION AND METABOLISM					
	PHYSIOLOGY OF NUTRITION	Aff.	BIO/09	5	10	80
	DIET AND METABOLIC DISORDERS	Aff.	BIO/16	5		
4	NUTRIGENETIC AND NUTRIGENOMIC	Caratt.	BIO/10		6	48
5	NOVEL FOODS, FUNCTIONAL FOODS E NUTRACEUTICAL (Eng.)	Caratt.	AGR/15		6	48
6	INTESTINAL MICROBIOTA AND WELLBEING	Caratt.	AGR/16		6	48
7	NUTRITION AND REPRODUCTION	Aff.	BIO/06		6	48
	LANGUAGE ADVANCED LEVEL				3	
	ELECTIVE CREDITS *				6	
			Totale CFU		62	
	SECOND YEAR (to be activated 2026/2027)					
8	REGIONAL FOOD MICROBIOTA	Caratt.	AGR/16		6	48
9	PET NUTRITION AND DIET	Aff.	BIO/06		6	48
10	COMBINED COURSE: QUALITY AND FOOD SAFETY					
	CHEMICAL ANALYSIS OF FOODS	Caratt.	CHIM/01	6	12	96
	FOOD TOXICOLOGY	Caratt.	BIO/13	6		
11	APPLIED DIETETIC SCIENCES AND TECHNIQUES	Caratt.	MED/49		7	56
	ELEMENTS OF LEGISLATION, CERTIFICATION AND QUALITY MANAGEMENT IN THE PROFESSION OF BIOLOGIST	Altre	BIO/19		3	24
	PRATICAL TRAINING	Altre			6	
	ELECTIVE CREDITS *				6	
	THESIS				12	
			Totale CFU		58	
			Totale		120	
12	COURSES FOR ELECTIVE CREDITS *					
	BIOTECHNOLOGY OF FUNCTIONAL FOODS	D	AGR/16		6	48
	AGROINDUSTRIAL ECONOMY AND MARKETING	D	SECS-P/07		6	48
	MICROBIOLOGICAL RISK AND FOOD SAFETY (second year)	D	AGR/16		6	48
	FOODBORNE MICROBIAL DISEASES (first year)	D	BIO/19		6	48
	OXIDATIVE STRESS IN BIOLOGICAL SYSTEMS (Eng.)	D	BIO/10		6	48
	ALGAE AND NUTRITION (Eng.)	D	BIO/01		6	48
	DIET AND PHYSICAL EXERCISE	D	BIO/10		6	48

* At least 6 CFU must be acquired attending one of the following optional courses

** to be inserted in the career of students that didn't submit an individual study plan

> Malattie microbiche di origine alimentare - first year

> Rischio microbiologico e sicurezza degli alimenti - second year

a) 1 credit= 8 hours. Together with the theoretical lectures, all courses must have at least 1 credit of experimental session

b) combined courses involve various courses with only one final examination

c) there are no compulsory prerequisite exams

d) Practical training has to be carried out in structures outside DiSVA for 150 hours