

# Food Science

Course Title	ECTS	Contact hours	Prerequisite	1 Semester	2 Semester	3 Semester	4 Semester	Instructor	Course Status
<b>General block - 12 credits</b>									
Special Course in English Language for Bio Scientists	6	47		x				M. Sepashvili	req'd
Academic Writing	6	34				x		M. Dgebuadze	req'd
<b>Compulsory courses - 54 credits</b>									
Biochemistry of Systems and Metabolomics	6	51		x				L. Shanshiashvili, M. Kikvidze, D. Mikeladze	req'd
Food Chemistry and Biochemistry	6	42		x				D. Mikeladze, N. Narmania	req'd
Nutrition Physiology	6	32		x				T. Barbakadze	req'd
Molecular Bases of Dietology	6	32	Nutrition Physiology		x			D. Mikeladze, M. Sepashvili	req'd
Food Microbiology and Microbiological Safety	6	45			x			N. Datukishvili M. Beruashvili	req'd
Food Toxicology and Law Regulation of Food Safety	6	50	Food Chemistry and Biochemistry		x			E. Zhuravliovavili M. Beruashvili	req'd
Enzyme Biotechnology of Food	6	32	Biochemistry of Systems and Metabolomics			x		E. Zhuravliovavili	req'd
Genetically Modified Organisms and their Detection in Food	6	41	Food Chemistry and Biochemistry			x		N. Datukishvili	req'd
Chemical and Microbiological Analysis of Food	6	73	Food Chemistry and Biochemistry; Food Microbiology and Microbiological Safety			x		T. Barbakadze	req'd
<b>Elective courses - 24 credits</b>									
Food Additives	6	32	Food Chemistry and Biochemistry		x			T. Barbakadze	elective
Drinking Water and Its Biological Resources	6	34		x				N. Narmania	elective
Biotechnology of Alcoholic Beverages	6	42		x		x		M. Sepashvili	elective
Molecular Bases of Allergology	6	34	Biochemistry of Systems and Metabolomics		x			L. Shanshiashvili	elective
Probiotics and Prebiotics	6	34		x		x		M. Sepashvili	elective
Food Packaging and Storage	6	34			x			N. Narmania	elective

Antioxidants and Chemoprevention	6	33		x		x		E. Zhuravliovavili	elective
free elective courses*	6			x	x	x			elective
Production practice	6						x	E. Zhuravliovavili, N. Narmania, M. Sepashvili	req'd
Master's thesis	24						x		req'd

\* within 6 credits, students can take courses from other Master's programs.