

STUDY PROGRAMME CURRICULUM FOOD SCIENCE AND NUTRITION

2025/2026

Name of study programme	Food science and nutrition
Programme characteristics	
Type	academic
Cycle	bachelor
University of Ljubljana members	• Biotechnical Faculty, Jamnikarjeva ulica 101, 1000 Ljubljana, Slovenija

Year 1, obvezni

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0630083	Mathematical Methods	izr. prof. dr. Petra Grošelj	50	20	20	0	0	60	150	6	1st semester	no
2.	0630084	Physics	Andrej Studen	45	0	15	0	0	65	125	5	1st semester	no
3.	0630085	Basic Anatomy and Histology	Petra Golja	45	0	30	0	0	75	150	6	2nd semester	no
4.	0630086	Introductory Economics	Emil Erjavec, izr. prof. dr. Aleš Kuhar, prof. dr. Luka Juvančič	30	0	10	0	0	35	75	3	2nd semester	no
5.	0630087	Chemistry	doc. dr. Iztok Prislan	60	20	45	0	0	100	225	9	1st semester	no
6.	0630088	Introduction in Food Science	prof. dr. Rajko Vidrih	20	25	0	0	0	55	100	4	1st semester	no
7.	0630089	Fundamentals of Food Processing	doc. dr. Iztok Prislan, prof. dr. Tatjana Košmerl	25	20	0	0	0	55	100	4	2nd semester	no
8.	0630090	Basic Microbiology	prof. dr. Sonja Smole Možina	30	0	30	0	0	65	125	5	2nd semester	no

9.	0630091	Food Production	Ana Slatnar, doc. dr. Silvester Žgur	40	0	35	0	0	75	150	6	2nd semester	no
10.	0630092	Biology	izr. prof. dr. Jasna Dolenc Koče, Nada Žnidaršič, prof. dr. Damjana Drobne	60	0	30	0	0	60	150	6	1st semester	no
11.	0630093	Food Analytical Chemistry	doc. dr. Iztok Prislan, izr. prof. dr. Jasna Bertoncelj	40	0	40	0	0	70	150	6	2nd semester	no
Total				445	85	255	0	0	715	1500	60		

Year 2, obvezni

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0630094	Biochemistry	prof. dr. Nataša Poklar Ulrih	60	20	40	0	0	105	225	9	All-year	no
2.	0630095	Food Microbiology	prof. dr. Sonja Smole Možina	35	10	30	0	0	75	150	6	1st semester	no
3.	0630096	Fundamentals of Nutritional Physiology	Marko Kreft, prof. dr. Petra Golja	30	10	0	0	0	35	75	3	1st semester	no
4.	0630097	Unit Operations in the Food Industry	doc. dr. Iztok Prislan	45	0	30	0	0	75	150	6	2nd semester	no
5.	0630098	Food Chemistry	Blaž Cigić	40	10	25	0	0	75	150	6	2nd semester	no
6.	0630099	Basic Nutrition	Tanja Pajk Žontar	35	0	40	0	0	75	150	6	1st semester	no
7.	0630100	Packaging of Food	izr. prof. dr. Tomaž Požrl	35	10	30	0	0	75	150	6	2nd semester	no

8.	0630101	Food Quality Evaluation and Legislation	izr. prof. dr. Jasna Bertoncelej	45	10	50	0	0	95	200	8	1st semester	no
9.	0630102	Food Hygiene	prof. dr. Barbka Jeršek	30	0	15	0	0	55	100	4	1st semester	no
10.	0642482	Elective subject		30		45			75	150	6	1st semester, 2nd semester	yes
Total				385	70	305	0	0	740	1500	60		

Year 3, obvezni

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0636154	Practical Training	Visokošolski učitelj s habilitacijo	0	0	0	0	10	140	150	6	1st semester	no
2.	0630104	Basic of Biotechnologies	izr. prof. dr. Neža Čadež	45	0	30	0	0	75	150	6	1st semester	no
3.	0630105	Clinical Nutrition and Nutritional Epidemiology	Evgen Benedik, Rok Orel	45	10	10	0	10	75	150	6	2nd semester	no
4.	0630106	Organization and Technology of Catering	prof. dr. Lea Demšar	35	0	25	0	0	65	125	5	2nd semester	no
5.	0630107	Technologies of Fruit, Vegetable, Field Crop and Grape Processing	izr. prof. dr. Tomaž Požrl, prof. dr. Rajko Vidrih, prof. dr. Tatjana Košmerl	80	0	115	0	0	180	375	15	All-year	no
6.	0630109	Technologies of Meat and Milk Processing	Primož Treven, prof. dr. Lea Demšar	70	0	65	0	0	115	250	10	1st semester	no
7.	0625348	Elective Subjects						120	180	300	12	2nd semester	yes
Total				275	10	245	0	140	830	1500	60		

Year 3, IZBIRNI

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0630111	Tehnologies of Fruit and Vegetable Processing I	prof. dr. Rajko Vidrih	35	15	25	0	0	75	150	6	2nd semester	yes
2.	0630112	Meat and Meat Prouction Technology I	prof. dr. Lea Demšar, Tomaž Polak	35	15	25	0	0	75	150	6	2nd semester	yes
3.	0630113	Quality and Nutritional Value of Milk and Dairy Products	Andreja Čanžek Majhenič, Primož Treven	35	15	25	0	0	75	150	6	2nd semester	yes
4.	0630114	Winemaking	prof. dr. Tatjana Košmerl	35	15	25	0	0	75	150	6	2nd semester	yes
5.	0630115	Field Crops Technologies, Fat Processing and Brewing	izr. prof. dr. Tomaž Požrl, prof. dr. Rajko Vidrih	35	15	25	0	0	75	150	6	2nd semester	yes
Total				175	75	125	0	0	375	750	30		

IZBIRNI

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0630116	Microbiological Examination of Foods	prof. dr. Barbka Jeršek, prof. dr. Sonja Smole Možina	35	15	25	0	0	75	150	6	2nd semester	yes

2.	0630117	Sensory Evaluation Techniques	izr. prof. dr. Jasna Bertoneclj, izr. prof. dr. Mojca Korošec	35	15	25	0	0	75	150	6	2nd semester	yes
3.	0630118	Psihology of Eating	Darja Kobal Grum	35	15	25	0	0	75	150	6	2nd semester	yes
4.	0630119	Food Habits	Evgen Benedik, Tanja Pajk Žontar	35	15	25	0	0	75	150	6	2nd semester	yes
5.	0630120	Clinical Dietetics - practical course	Evgen Benedik	10	0	0	90	0	50	150	6	2nd semester	yes
Total				150	60	100	90	0	350	750	30		