

STUDY PROGRAMME CURRICULUM BIOLOGY

2025/2026

Name of study programme	Biology
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.	0630168	Microbiology	Cene Gostinčar	45	15	0	0		65	125	5	1st semester	no
2.	0630169	Cell Biology and Histology	Nada Žnidaršič	30	0	45	0	0	75	150	6	1st semester	no
3.	0630170	Selected Chapters in Mathematics	Petar Pavešič	45	0	30	0	0	50	125	5	1st semester	no
4.	0630171	Human Anatomy	Petra Golja	30	0	30	0	0	65	125	5	2nd semester	no
5.	0630172	Physics	Gregor Skačej	45	0	30	0	0	50	125	5	1st semester	no
6.	0630173	General Botany	Jasna Dolenc Koce	50	5	65	0	5	100	225	9	2nd semester	no
7.	0630174	Organic Chemistry	Franc Požgan	60	0	15	0	0	75	150	6	2nd semester	no
8.	0630175	General Zoology	Nada Žnidaršič, Primož Zidar	30	0	50	0	0	70	150	6	2nd semester	no

9.	0630176	Microbiology - Practical Laboratory Course	Cene Gostinčar	0	0	50	0	0	50	100	4	2nd semester	no
10.	0630177	General Chemistry	Saša Petriček	30	0	45	0	0	75	150	6	1st semester	no
11.	0630178	Elective Subject		0	0	0	0	0	75	75	3	1st semester, 2nd semester	yes
Total				365	20	360	0	5	750	1500	60		

Year 2, obvezni

				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.	0630179	Biochemistry	Kristina Sepčič	60	5	60	0	0	100	225	9	1st semester	no
2.	0630180	Invertebrate Zoology	Rudi Verovnik	60	0	60	0	0	105	225	9	1st semester	no
3.	0630181	Comparative Vertebrate Anatomy	Rok Kostanjšek	50	0	45	0	0	85	180	7	2nd semester	no
4.	0630182	Genetics	Jerneja Ambrožič Avguštin	60	0	60	0	0	105	225	9	All-year	no
5.	0630183	Plant Systematics	Jernej Jogan	60	0	60	0	0	105	225	9	All-year	no
6.	0630184	Vertebrate Diversity	Peter Trontelj	30	0	30	0	0	40	100	4	1st semester	no
7.	0630185	Botanical and Zoological Field Work	Jernej Jogan, Peter Trontelj, Rok Kostanjšek, Rudi Verovnik	0	0	60	0	10	30	100	4	2nd semester	no
8.	0630186	Elective Subjects		0	0	0	0	0	225	225	9	1st semester, 2nd semester	yes
Total				320	5	375	0	10	795	1505	60		

Year 3, obvezni

				Contact hours									
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	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0630187	Plant Physiology	Marjana Regvar	60	0	60	0	5	100	225	9	2nd semester	no
2.	0630188	Ecology	Igor Zelnik, Irena Maček, Ivan Kos	65	0	60	0	0	125	250	10	2nd semester	no
3.	0630189	Human Biology	Petra Golja	45	0	30	0	5	70	150	6	1st semester	no
4.	0630190	Bioinformatics	Tomaž Skrbinšek	15	0	45	0	0	15	75	3	1st semester	no
5.	0630191	Statistics	Maja Kajin	45	0	15	0	0	65	125	5	1st semester	no
6.	0630192	Evolution	Peter Trontelj	45	0	30	0	0	50	125	5	2nd semester	no
7.	0630193	Ethology	Gordana Glavan	45	0	30	0	0	75	150	6	2nd semester	no
8.	0630194	Animal Physiology with the Basic Practicum	Gregor Belušič, Marko Kreft	60	0	65	0	0	125	250	10	1st semester	no
9.	0625665	Elective Subjects		0	0	0	0	0	150	150	6	1st semester	yes
		Total		380	0	335	0	10	775	1500	60		

Študent v 3. letniku obvezno vpiše Fiziologijo živali; ali z osnovnim praktikumom (10 KT), ali z izbirnim praktikumom (13 KT). Ker sta predmeta ovrednotena z različnim številom kreditnih točk, se število kreditnih točk izbirnih predmetov ustrezno prilagodi, tako da je skupen seštevek kreditnih točk v 5. semestru 30. Torej, v primeru da je bil izbran predmet Fiziologija živali z izbirnim praktikumom, se študentu 3 KT upoštevajo kot izbirne kreditne točke.

IZBIRNI PREDMETI

	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.	0630196	Mycology	Polona Zalar	15	0	23	0	0	37	75	3	1st semester, 2nd semester	yes
2.	0630197	Geology with Paleontology	Luka Gale	30	0	15	0	0	30	75	3	1st semester, 2nd semester	yes

3.	0630198	Introduction to Organisms Interactions	Marjana Regvar, Rok Kostanjšek	40	0	0	0	5	30	75	3	1st semester, 2nd semester	yes
4.	0630199	Practice of Nature Conservation	Ivan Kos, Jernej Jogan, Peter Trontelj, Rudi Verovnik	60	0	15	0	0	75	150	6	1st semester, 2nd semester	yes
5.	0630200	Beekeeping	Gordana Glavan, Janez Prešern	30	10	20		5	85	150	6	1st semester, 2nd semester	yes
6.	0630201	Toxicity Testing	Damjana Drobne	10	0	15	0	5	45	75	3	1st semester, 2nd semester	yes
7.	0630202	Toxinology	Gregor Anderluh	20	10	0	0	0	45	75	3	1st semester, 2nd semester	yes
8.	0630203	Applications of Genetics	Uroš Petrovič	30	0	15	0	0	30	75	3	1st semester, 2nd semester	yes
9.	0630204	Project Work		0	0	0	0	60	15	75	3	1st semester, 2nd semester	yes
10.	0630205	Animal Physiology with the Advanced Practicum	Gregor Belušič, Marko Kreft	60	0	120	0	0	145	325	13	1st semester, 2nd semester	yes
11.	0630206	Plants and Society	Jasna Dolenc Koce, Jernej Jogan	30	5	5	0	0	35	75	3	1st semester, 2nd semester	no
12.	0630207	Life Sciences and Society	Iztok Tomažič	30	10	5	0	0	30	75	3	1st semester, 2nd semester	no
13.	0640086	Bryology	Simona Strgulc Krajšek	14		31			30	75	3	1st semester, 2nd semester	yes
14.	0643928	Current data analysis approaches in biosciences	Elena Pazhenkova, Tomaž Skrbinšek	30	0	15	0	0	30	75	3	2nd semester	yes
15.	0643929	Selected topics in bioinformatics and analysis of biological data	Elena Pazhenkova, Matevž Likar, Tomaž Skrbinšek	30	0	15	0	0	30	75	3	2nd semester	yes

	Total	429	35	294	0	75	692	1525	61	
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