

STUDY PROGRAMME CURRICULUM HORTICULTURE

2025/2026

Name of study programme	Horticulture
Programme characteristics	
Type	master's
Cycle	master
University of Ljubljana members	• Biotechnical Faculty, Jamnikarjeva ulica 101, 1000 Ljubljana, Slovenija

Year 1, 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.	0625153	Statistics II	Damijana Kastelec	30	0	20	0	0	50	100	4	1st semester	no
2.	0625286	Growth and Development of Fruit Plants	Metka Hudina, Robert Veberič	30	30	30	0	0	85	175	7	2nd semester	no
3.	0625287	Growth and Development of Vegetables	Nina Kacjan Maršič	30	30	30	0	0	85	175	7	2nd semester	no
4.	0625288	Biology and Scientific Categorisa of Cultivated Grapevine	Denis Rusjan	20	15	25	0	0	65	125	5	2nd semester	no
5.	0625157	Phytomedicine II	Franci Aco Celar, Stanislav Trdan	55	0	60	0	0	110	225	9	1st semester	no
6.	0625158	Genetics, plant breeding and biotechnology	Jana Murovec, Nataša Štajner	55	15	45	0	0	110	225	9	1st semester	no

7.	0625159	Ecophysiology of Higher Plants	Dominik Vodnik	35	0	25	0	0	65	125	5	1st semester	no
8.	0625161	Master of Science Thesis 1	Visokošolski učitelj s habilitacijo	0	0	0	0	50	50	100	4	2nd semester	no
9.	0625293	Cultivation of Medicinal and Aromatic Plants	Dea Baričević	25	0	25	0	0	50	100	4	2nd semester	no
10.	0625607	Elective Subjects		0	0	30	0	30	90	150	6	1st semester, 2nd semester	yes
Total				280	90	290	0	80	760	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.	0625295	Ornamental Plants	Gregor Osterc	30	15	15	0	0	65	125	5	1st semester	no
2.	0625296	Nursery Management	Denis Rusjan, Gregor Osterc	20	10	20	0	0	50	100	4	1st semester	no
3.	0625168	Master' s Thesis	Visokošolski učitelj s habilitacijo	0	0	0	0	325	325	650	26	All-year	no
4.	0625298	Bioactive Compounds in Fruits and Vegetables	Robert Veberič	25	10	35	0	0	80	150	6	1st semester	no
5.	0625299	Sustainable Horticulture	Metka Hudina, Robert Veberič	30	30	30	0	0	85	175	7	1st semester	no
6.	0625348	Elective Subjects						120	180	300	12	2nd semester	yes
Total				105	65	100	0	445	785	1500	60		

IZBIRNI PREDMETI

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms	Individual student work	Total hours	ECTS	Semesters	Elective

								of study					
1.	0625170	Biological Control	Stanislav Trdan	15	0	15	0	0	45	75	3	1st semester, 2nd semester	yes
2.	0625172	Orchard Planning	Metka Hudina	5	10	15	0	0	45	75	3	1st semester, 2nd semester	yes
3.	0625173	Fruit Cultivar Lists	Metka Hudina	15	0	15	0	0	45	75	3	1st semester, 2nd semester	yes
4.	0625174	Landscape Horticulture	Gregor Osterc	10	5	15	0	0	45	75	3	1st semester, 2nd semester	yes
5.	0625305	Production of Quality Grape and Wine	Denis Rusjan, Tatjana Košmerl	10	5	15	0	0	45	75	3	1st semester, 2nd semester	yes
6.	0625306	Growing of Less Known Vegetables, Aromatic Plants and Sprouts	Ana Slatnar	10	5	15	0	0	45	75	3	1st semester, 2nd semester	yes
7.	0625307	Alternative, Mediterranean and Tropical Fruit Plants	Valentina Usenik	15	0	15	0	0	45	75	3	1st semester, 2nd semester	yes
8.	0625308	Tropical Ornamental Plants	Valentina Schmitzer	15	0	15	0	0	45	75	3	1st semester, 2nd semester	yes
9.	0625176	Scienfic and Tehncial Information	Tomaž Bartol	15	2	13	0	0	45	75	3	1st semester, 2nd semester	yes
10.	0625177	Socilogy of Agriculture, Food and Natural Resources	Majda Černič Istenič	5	10	15	0	0	45	75	3	1st semester, 2nd semester	yes
11.	0625178	Plant Molecular Diagnostics	Jernej Jakše	10	5	15	0	0	45	75	3	1st semester, 2nd semester	yes
12.	0625171	Biotechnological protocols for plant propagation	Katarina Rudolf Pilih	15	0	15	0	0	45	75	3	1st semester, 2nd semester	yes
13.	0625313	Horticultural Machinery	Rajko Bernik	10	5	15	0	0	45	75	3	1st semester, 2nd semester	yes

14.	0625181	Geographic Information System	Matjaž Glavan	15	0	15	0	0	45	75	3	1st semester, 2nd semester	yes
15.	0625182	Quarantine Pests and Diseases	Franci Aco Celar, Stanislav Trdan	20	5	5	0	0	45	75	3	1st semester, 2nd semester	yes
16.	0625180	Biogenic Waste Management	Rok Mihelič	20	0	10	0	0	45	75	3	1st semester, 2nd semester	yes
17.	0625183	Lawns for Ornamental, Recreational and Sport Usage	Matej Vidrih	15	0	15	0	0	45	75	3	1st semester, 2nd semester	yes
18.	0625318	Handling of Plant Protection Products	Franci Aco Celar, Katarina Kos	20	5	10	0	0	40	75	3	1st semester, 2nd semester	yes
19.	0625319	Vegetable production in controlled systems	Nina Kacjan Maršič	15	5	10	0	0	45	75	3	1st semester, 2nd semester	yes
20.	0625179	Management of agricultural production procesess	Andrej Udovč	15	5	10	0	0	45	75	3	1st semester, 2nd semester	yes
21.	0644431	Digitalisation and robotics in horticulture	Matjaž Mihelj	15		15			45	75	3	2nd semester	yes
Total				285	67	283	0	0	940	1575	63		

Year 2, 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.	0643294	Practicum (Practical Training)		0	0	0	0	10	65	75	3	2nd semester	yes
Total				0	0	0	0	10	65	75	3		