

Course name	Code	Cr.	Guarantor	Semester	Year	Block	Type
Master Thesis, Practical Part (2nd, 3rd and 4th semester)	KBO/881 *	13	supervisor	Both	Each		A
Ecology Colloquia (once a year, usually 2nd and 4th semester)	KBO/335E	2	Jan Hrček	Both	Each		A
Master Thesis, Practical Part (1st sem.)	KBO/881 *	13	supervisor	Both	Each		B
Functional Traits in Ecology	KBO/297	4	Götzenberger, de Bello	Winter	Each	Block	B
Molecular Ecology	KZO/412I	6	Václav Hypša	Winter	Each		B
Molecular Phylogenetics	KPA/604	6	Václav Hypša	Winter	Each		B
Field Ecology	KBO/192E	3	Jan Lepš, Petr Blažek	Winter	Each	Block	B
Design and Analysis of Ecol. Experiments	KBO/332E	6	J. Lepš, P. Šmilauer	Winter	Each		B
Modern Regression Methods	KBE/785E	6	Petr Šmilauer	Winter	Each		B
Community Ecology	KBO/426	6	Jan Lepš	Winter	Odd		B
Ecology of Biological Invasions	KBO/331	4	Karel Prach	Winter	Odd		B
Tropical Ecology	KBE/351	4	Vojtěch Novotný	Winter	Odd		B
Evolutionary Ecology	KBE/023	6	David Boukal	Winter	Odd		B
Creative Publishing in Commun. Ecology	KBO/184	4	Jan Lepš	Winter	Odd		B
Tutorials in Ecology	KZO/101E	4	Jan Hrček	Summer	Each		B
Microbial Ecology and Genomics	KPA/172	3	Eva Nováková	Summer	Each		B
Biogeochemistry	KBE/117	2	Hana Šantrůčková	Summer	Each		B
Science Communication	KZO/100E	4	Kateřina Sam	Summer	Each		B
Plant-Animal Interactions	KBE/049	6	Jana Jersáková	Summer	Odd		B
Conservation Biology (Introduction)	KBE/542E	6	Jana Jersáková	Summer	Odd		B
Vegetation Dynamics	KBO/336E	3	Karel Prach	Summer	Odd		B
Evolutionary Biology	KZO/102E	4	Pavel Duda	Summer	Even		B
Population Ecology	KBO/334E	5	Jan Lepš, Petr Blažek	Summer	Even		B
Critical Reading in Ecology	KZO/109	2	Martin Volf	Both	Each		C
Molecular Methods in Plant Science	KBO/309	5	Petr Koutecký	Winter	Each	Block	C
Advances in Behavioural Ecology Resear.	KZO/105	3	Petr Veselý	Winter	Each		C
Behavioural Ecology	KZO/106	3	Petr Veselý	Winter	Each		C
Bioacoustics Practicals	KZO/144	5	Pavel Linhart	Winter	Each		C
Bioacoustics Journal Club	KZO/162	3	Pavel Linhart	Winter	Each		C
Polar Ecology **	KBE/263+265	5	Jiří Bárta	Winter	Each	Block	C
Biology of Social Insects	KZO/398	3	Petr Klimeš	Winter	Odd		C
Field Mycology	KBO/203	3	Martina Vašutová	Winter	Odd	Block	C
Tropical Ecology Field Excursion**	KBE/355	5	Vojtěch Novotný	Winter	Odd	Block	C
Restoration Ecology	KBO/420	6	Karel Prach	Winter	Even	Block	C
Forest Ecology	KBO/425	3	Jiří Doležal	Winter	Even	Block	C
Ecology of Alpine Ecosystems	KBO/307	6	Jiří Doležal	Winter	Even	Block	C
Advanced Regression Methods	KBE/051E	5	Petr Šmilauer	Winter	Even		C
Open Source GIS	KBE/143	5	Stanislav Grill	Winter	Even		C
Biostatistics	KBO/759	5	Petr Blažek	Summer	Each		C
Vegetation Ecology Excursion	KBO/126E	2	Karel Prach	Summer	Each	Block	C
Field Work IV - Zoology	KZO/194	3	Bezděk, Nedvěd, Veselý	Summer	Each	Block	C
Entomological excursion	KZO/409	5	Lukáš Čížek	Summer	Each	Block	C
Field Course in Ornithology	KZO/373	3	Jan Riegert	Summer	Each	?	C
Plant Physiology	KEBR/563	3	Wrzaczek	Summer	Each		C
Interdisc. Excursion Ecology of Biomes	KBO/191	3	M. Štech, M. Syrová	Summer	Each	Block	C
Evolutionary Ecology of Birds	KZO/063	2	Vojtěch Kubelka	Summer	Each	Block	C
Fungal Ecology	KBO/199	3	Martina Vašutová	Summer	Odd		C
Practicals of Multivar. Analysis of Eco. Data	KBO/130	6	J. Lepš, P. Šmilauer	Summer	Odd		C
Modelling for Ecologists in R	KBE/013	6	David Boukal	Summer	Odd		C
Advanced Ordination Methods	KBE/052E	3	P. Šmilauer, J. Lepš	Summer	Even		C
Stud. Plants and Fungi Belowground	KBO/432E	5	Marie Šmilauerová	Summer	Even		C
Course of Alpine Botany and Ecology	KBO/136	2	Jan Kučera	Summer	Even	Block	C
Various soil/water/microbial/biochemical/energy-flow/ecosystem courses: KBE/...							
Interaction Water-Soil	KBE/021	3	Zuzana Urbanová	Winter	Each	Block	C
Aquatic Microbial Ecology	KBE/459	3	Karel Šimek	Winter	Each	Block	C
Ecosystem Management Course	KBE/546	3	Keith Edwards	Winter	Each		C
The Ecology of Plant-Microbe Interactions	KBE/048	6	Dagmara Sirová	Winter	Even		C
Introduction to Functional Ecology	KBE/128	6	Keith Edwards	Summer	Odd		C
Various language courses: OJZ/...							
Presentation Skills	OJZ/410	2		Both	Each		C
Scientific Writing	OJZ/450	2		Both	Each		C
Czech for Foreigners	OJZ/550	2		Both	Each		C
English for Intercultural Communication	OJZ/555	2		Both	Each		C

Odd – academic year starting with odd number (e.g. 2023/2024)
Even – academic year starting with even number (e.g. 2024/2025)
Block – a block course, not scheduled regularly during semester

Type A – obligatory course

Type B – obligation to enrol any of these courses for min. 53 credits during whole study

Type C – optional, recommended for Master's in Ecology (see complete list of courses in STAG)

* Please, adjust the department code of „Master Thesis, Practical Part” to the department where your supervisor is based (e.g. KBO/881, KZO/881, KBE/881), at the same time when you are assigned a topic of master thesis.

** Polar and Tropical Ecology require special applications; only a selection of a few (10?) best candidates can take part. Follow the advertisements of the courses. The last application deadlines were: tropical 20 Dec. 2022, polar 28 Feb. 2022

If you have not taken any statistical course before, Biostatistics is recommended before taking the advanced statistical courses.

The list of C courses is a selection of the most relevant courses for this master programme, see wstag.jcu.cz for all courses.