

Course name	Code	Cr.	Guarantor	Semester	Year	Block	Type
Master Thesis, Practical Part (2nd, 3rd and 4th semester)	XXX/881 *	13	supervisor	Both	Each		A
Ecology Colloquia (once a year, usually 2nd and 4th semester)	KBO/335E	2	Jan Hrček	Both	Each		A
Training in Occupational Safety and Health, Fire Safety and Cybersecurity (1st semester)	FPR/913E	0	Tomáš Hauer	Both	Each	on-line	A
Master Thesis, Practical Part (1st semester)	XXX/881 *	13	supervisor	Both	Each		B
Functional Traits in Ecology	KBO/297	5	L. Götzenberger, F. 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 Ecological Experiments	KBO/332E	6	Jan Lepš, Petr Šmilauer	Winter	Each		B
Modern Regression Methods	KBE/785E	6	Petr Šmilauer	Winter	Each		B
Science Communication	KZO/100E	4	Kateřina Sam	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	5	Vojtěch Novotný	Winter	Odd		B
Evolutionary Ecology	KBE/023	6	David Boukal	Winter	Odd		B
Creative Publishing in Community 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	Block	B
Biogeochemistry	KBE/117	2	Hana Šantrůčková (Čapek)	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 Research	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
Biology of Animals	KZO/768	3	Oldřich Nedvěd	Winter	Each		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/143E	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	Michael Wrzaczek	Summer	Each		C
Interdisciplinary Excursion Ecology of Biomes	KBO/191	3	Milan Štech, M. Syrová	Summer	Each	Block	C
Evolutionary Ecology of Birds	KZO/063	2	Vojtěch Kubelka	Summer	Each	Block	C
Plant Diversity and Ecology	KBO/767	3	Jan Kučera	Summer	Each		C
Polar Ecology **	KBE/263+265	5	Jiří Bárta	Summer	Odd	Block	C
Fungal Ecology	KBO/199	3	Martina Vašutová	Summer	Odd		C
Practicals of Multivariate Analysis of Ecol. Data	KBO/130	6	Jan Lepš, Petr Šmilauer	Summer	Odd		C
Modelling for Ecologists in R	KBE/013	6	David Boukal	Summer	Odd		C
Field Ornithological Methods	KZO/359	3	Kateřina Sam	Summer	Odd		C
Advanced Ordination Methods	KBE/052E	3	Petr Šmilauer, Jan Lepš	Summer	Even		C
Studying 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

Presentation Skills in English	OJZ/410	2	Both	Each	C
Czech for Foreigners Beginners	OJZ/550	2	Both	Each	C
English for Intercultural Communication	OJZ/555	2	Both	Each	C
Scientific Writing	OJZ/450	2	Winter	Each	C

Year – Odd – academic year starting with odd number (e.g. 2025/2026)
 – Even – academic year starting with even number (e.g. 2024/2025)

Block – a block course, not scheduled regularly during semester (excursions, workshops etc.)

Type – A – obligatory course
 – B – obligation to enrol any of these courses for min. 53 credits during whole study
 – C – optional, recommended for Master's in Ecology (see complete list of courses in STAG)

* The department code of „Master Thesis, Practical Part” should match the department where your supervisor is based (e.g. KBO/881, KZO/881, KBE/881, KPA/881, UCH/881...). You can get the 13 credits three or four times during your study (depending on if you have got it in the first semester or not), and you register XXX/880 for 0 credits as a placeholder if you study longer (usually from the 5th semester).

** [Polar](#) and [Tropical](#) Ecology require special applications; only a selection of 10 best candidates can take part. Follow the advertisements of the courses. The last application deadlines were: polar 15 Jan. 2024, tropical 20 Dec. 2024.

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 additional courses for this master programme, see wstag.jcu.cz for all courses.

Example screenshot of how to search for description of courses in STAG:

The screenshot shows the STAG (S025) web interface. The navigation bar includes 'Welcome', 'Browse IS/STAG', 'Evaluation results', 'Applicant', 'Graduate', 'IPS', 'E-learning', and 'Aplikace StuduJU'. The 'Browse IS/STAG (S025)' section is active, with a sidebar menu on the left containing 'Programmes and specializations.', 'Courses', 'Departments', 'Lecturers', 'Students', 'Examination dates', 'Timetable events', 'Theses', 'Pre-regist. study groups', 'Rooms', 'Rooms – all year', and 'Free rooms – Semester'. The 'Courses' option is highlighted. The main content area shows search filters: 'Abbreviation unit' (KBO), 'Course abbreviation' (426), 'Title' (%), and 'Year' (2023/2024). Below the filters, it says 'Found 1 records' and shows a table with one entry: 'KBO / 426 Community Ecology 2023/2024'. At the bottom, there are tabs for 'Course description', 'Study programmes', 'List of students', 'Timetable', 'Examination dates', 'Timetable events', and 'Permissions for Course'. The 'Course description' tab is selected, showing details for 'KBO / 426 Community Ecology' for the 'Academic Year 2023/2024'.