

Study programme: **N0511A030051 – Plant Biology**Number of credits: **120**Academic year: **2021/2022**Field of study: **Plant Biology**Form of study: **Full-time**Specialization: **EN**Stage: **1**Version: **2021**Number of credits: **120**Study plan: **PBIOL 1st year of study****Compulsory Courses (block status: A)**

No. of courses: 19 credits: 87

Dept/Crs code	Course name	No. of Cred.	No. of hrs/w L+S+SS	Concl.	Recom. year sem.
BOT/GME	General Mycology	3	2+0+0	Ex	1 W
BOT/ZFPE	Phytopathology	3	2+0+0	Ex	1 W
EKO/MVPOE	Methods of Scientific Research	3	0+0+2	Co	1 W
EKO/PEEPE	Soil Science and Soil Ecology	4	2+1+0	Ex	1 W
KBB/CONGE	Conservation Genetics	3*	2+0+0	Ex	1 W
LRR/SFRZE	Plant Physiology	3	2+0+0	Ex	1 W
BOT/BIKRE	Principles of Classification of Plants	5	2+2+0	Ex	1 S
BOT/BRGME	Biotechnology of Plants	5	2+2+0	Ex	1 S
BOT/DPBE1	Master's Diploma Thesis 1	7	0+5+0	Con	1 S
BOT/EKRE	Plant Ecology	3	2+0+0	Ex	1 S
BOT/LPXE1	Laboratory Practice 1	6	0+1TS+0	Con	1 S
BOT/MMSRE	Practicals Training in Molecular Markers	3	1+1+0	Ex	1 S
BOT/BSTSE	Biostatistics	5	2+2+0	Ex	2 W
BOT/DPBE2	Master's Diploma Thesis 2	10	0+7+0	Con	2 W
BOT/FTGSE	Plant Geography	3	2+0+0	Ex	2 W
BOT/LPXE2	Laboratory Practice 2	6	0+1TS+0	Con	2 W
BOT/SROE	Plant Breeding - General Part	4	2+1+0	Ex	2 W
BOT/DPBE3	Master's Diploma Thesis 3	7	0+5+0	Con	2 S
BOT/SRSE	Plant Breeding - Special Part	4*	2+1+0	Ex	2 S

State Final Examination (block status: A)

No. of courses: 5 credits: 0

Dept/Crs code	Course name	No. of Cred.	No. of hrs/w L+S+SS	Concl.	Recom. year sem.
BOT/SZZTE	Plant Taxonomy and Geography	0	0+0+0	Str	2 S
BOT/SZZEE	Ecology and Agroecology	0	0+0+0	Str	2 S
BOT/SZZPE	Biotechnology and Plant Physiology	0	0+0+0	Str	2 S
BOT/SZZBE	Plant Breeding and Phytopathology	0	0+0+0	Str	2 S
BOT/OBHDP	MA Thesis	0	0+0+0	Adw	2 S

Compulsory-Elective Courses 1 (block status: B)

Min.no.of 7 credits

Dept/Crs code	Course name	No. of Cred.	No. of hrs/w L+S+SS	Concl.	Recom. year sem.
EKO/AZHOE	Agroecology and Basics of Agric. Man.	3	2+0+0	Ex	1 W
ZOO/ADE	Data Analysis	3	1+1+0	Ex	1 W
KCB/MVE	Plant Mineral Nutrition	2	1+0+0	Ex	1 S
BOT/RBPEN	Lessons from Plant Reproduction Biology	3	2+0+0	Ex	2 W

Compulsory-Elective Courses 2 (block status: B)

Min.no.of 13 credits

Dept/Crs code	Course name	No. of	No.of hrs/w	Concl.	Recom. year sem.
		Cred.	L+S+SS		
BOT/DENE	Dendrology	4	1+2+0	Ex	1 W
EKO/ZZEE	Basic Ecology	3*	2+0+0	Ex	1 W
BOT/FPRX1	Field Practice 1	6	0+1TS+0	Con	1 S
BOT/KVAPE	Syst. Anatomy & Morph. of Vasc. Plants	3	1+1+0	Co	1 S
BOT/FPRX2	Field Practice 2	6	0+1TS+0	Con	2 W
BOT/RBROE	Radiobiology	3	2+0+0	Ex	2 W

Compulsory-Elective Courses 3 (block status: B)

Min.no.of 11 credits

Dept/Crs code	Course name	No. of	No.of hrs/w	Concl.	Recom. year sem.
		Cred.	L+S+SS		
BOT/VPBSB	Flying Seminars in Botany 2	1	1+0+0	Con	1 W
BOT/VPAU	Flying Seminars in Botany 1	1	1+0+0	Co	1 S
VCJ/ATB1	English Terminology for Biology 1	3*	0+2+0	Con,Ex	W/S
BOT/DENEX	Dendrological Excursion	3	0+3DS+0	Co	S
BOT/FYTEX	Phytopathological Excursion	4	0+3DS+0	Con	S
BOT/MOBEX	Biodiversity Hotspots of Central Moravia	2	0+5DS+0	Con	S