

Study plan APBI-MgD13 - Applied Biology - master programme					
Guarantee of study programme: prof. RNDr. Juraj Krajčovič, PhD.					
Compulsory subjects					
Abb.	Name	Credit	Scope	Year	Sem.
KBIO/md001/15	Advanced Bioinformatics	4	2/1	1	Z
KBIO/md102/13	Advanced Genomics	5	3/0	1	Z
KBIO/md103/13	In Vitro Biological Systems	5	2/1	1	Z
KBIO/md122/13	Laboratory Practice in Applied Biology I	3	0/5	1	Z
KBIO/md125/13	Laboratory Practice for Term Paper I	3	0/4	1	Z
KBIO/md112/13	Recombinant DNA Molecule Techniques	4	3/0	1	Z
KBIO/md101/13	Selected Chapters on Molecular Biology	5	3/0	1	L
KBIO/md007/15	Selected Chapters on Microbiology	5	3/0	1	L
KBIO/md107/13	Genetic Analysis	4	3/0	1	L
KBIO/md123/13	Laboratory Practice in Applied Biology II	3	0/5	1	L
KBIO/md126/13	Laboratory Practice for Term Paper II	3	0/4	1	L
KBIO/md113/13	Food Biology	5	3/0	2	Z
KBIO/md114/13	Protein Design	3	2/1	2	Z
KBIO/md104/13	Advanced Proteomics	5	2/0	2	Z
KBIO/md116/13	Molecular Diagnostics of Microorganisms	3	2/0	2	Z
KBIO/md124/13	Laboratory Practice in Applied Biology III	4	0/5	2	Z
KBIO/md127/13	Laboratory Practice for Term Paper III	4	0/4	2	Z
KBIO/md019/15	Laboratory Practice for Master Thesis	22		2	L
	State Examination – Bachelor Thesis Defence	16		2	L
Compulsory Elective subjects					
Abb.	Name	Credit	Scope	Year	Sem.
KBIO/md108/13	Nutrition and Health-Promoting Substances	2	2/0	1	Z
KBIO/md109/13	Enzymology	2	3/0	1	Z
KCH/md317/15	Natural Substances and Synthesis of Pharmaceuticals	2	2/0	1	Z
KBIO/md115/13	Foodborne Pathogenic Microorganisms	2	2/0	1	L
KBIO/md129/13	Medicinal Herbs	2	2/0	1	L
KBIO/md111/13	Applied Plant Biochemistry	2	2/0	1	L
KBIO/md117/13	Transgenic Organisms	3	2/0	2	Z
KBIO/md110/13	Protection of Intellectual Property	1	2/0	2	Z
KBIO/md106/13	Clinical Microbiology	3	0/2	2	Z
KBIO/md024/15	Scientific Research Design	1	2/0	2	Z
Selective subjects					
Abb.	Name	Credit	Scope	Year	Sem.
KBIO/md025/15	Sports Activities I	2	0/2	1	Z
KBIO/md026/15	Sports Activities II	2	0/2	1	L
KBIO/md027/15	Sports Activities III	2	0/2	2	Z
KBIO/md028/15	Sports Activities IV	2	0/2	2	L