

Study plan AB-BcD15 - Applied Biology - bachelor programme					
Guarantee of study programme: doc. Ing. Andrej Godány, PhD.					
Compulsory subjects					
Abbr.	Name	Credit	Scope	Year	Sem.
KBIO/bd001/15	Introduction to Biology	5	2/1	1	Z
KBIO/bd002/15	Introduction to Biotechnologies	5	2/0	1	Z
KBIO/bd003/15	Laboratory Practice in Biology/Chemistry	4	0/4	1	Z
KCHEM/bd500/15	General and Inorganic Chemistry	4	2/1	1	Z
KBIO/bd004/15	Seminar in Chemical Calculations I	3	0/2	1	Z
KOJP/bd101/15	English for Science I	3	0/2	1	Z
KBIO/bd005/15	Plant Biology	5	2/1	1	L
KBT/bd200/15	Animal Biology	4	2/1	1	L
KBT/bd201/15	Human Biology	4	2/0	1	L
KBIO/bd006/15	Seminar in Chemical Calculations II	3	0/2	1	L
KBIO/bd007/15	Laboratory Practice in Biology	4	0/4	1	L
KCH/bd305/15	Organic Chemistry I	4	2/1	1	L
KBT/bd202/15	Fundamentals of Biochemistry	5	3/0	2	Z
KBIO/bd008/15	Fundamentals of Microbiology	5	2/1	2	Z
KCH/md303/15	Bioanalytical Chemistry	3	2/1	2	Z
KBIO/bd011/15	Genetics	5	2/1	2	Z
KER/bd303/15	Radiobiology	3	2/0	2	Z
KBIO/bd009/15	Laboratory Practice in Microbiology	3	0/4	2	Z
KBIO/bd010/15	Molecular Biology	5	1/1	2	L
KBT/bd204/15	Fundamentals of Enzymology	4	3/0	2	L
KBT/bd205/15	Animal and Human Physiology	3	2/0	2	L
KBIO/bd012/15	Plant Physiology	3	2/0	2	L
KBIO/bd013/15	Laboratory Practice in Biotechnologies	3	0/4	2	L
KBIO/bd014/15	Cytology	4	2/0	2	L
KBIO/bd016/15	Bachelor Thesis Seminar	2	0/2	2	L
KBIO/bd015/15	Gene Manipulations	5	2/1	3	Z
KBIO/bd019/15	Evolutionary Biology	3	2/1	3	Z
KBIO/bd020/15	Genomics	5	2/1	3	Z
KBIO/bd021/15	Virology	2	2/0	3	Z
KBIO/bd022/15	Molecular Biology Databases	2	0/2	3	Z
KBIO/bd023/15	Laboratory Practice in Molecular Biology	3	0/5	3	Z
KBIO/bd024/15	Bachelor Project I	4	0/4	3	Z
KBIO/md202/15	Proteomics	5	2/0	3	L
KBIO/bd028/15	Bioinformatics	3	1/2	3	L
KER/bd304/15	Toxicology	3	2/0	3	L
KBIO/bd029/15	Microbial Biotechnologies	4	2/0	3	L
KBIO/bd030/15	Imunology	3	2/0	3	L
KBIO/bd221/10	Animal Biotechnologies	3	2/0	3	L
KBIO/bd031/15	Bachelor Project II	3	0/6	3	L
	State Examination – Bachelor Thesis Defence	12		3	L
Compulsory Elective subjects					
Abbr.	Name	Credit	Scope	Year	Sem.
KAI/bd001/15	Mathematics	2	2/1	1	Z
KER/bd305/15	Biosphere and the Environment	2	2/0	1	Z
KER/bd300/15	Renewable Resources	2	2/0	1	Z
KOJP/bd102/15	English for Science II	3	0/2	1	L

KAI/bd002/15	Introduction to Physics	2	2/1	1	L
KER/bd301/15	Sustainable Development	2	3/0	1	L
KER/bd302/15	Ecology	3	2/0	2	Z
KBT/bd203/15	Biotechnological Processes and Equipment	2	2/0	2	Z
KOJP/bd103/15	English for Science III	2	0/2	2	Z
KBIO/bd017/15	Plant and Animal Breeding	2	2/0	2	L
KBIO/bd018/15	Dietology and Nutrition	2	2/0	2	L
KOJP/bd104/15	English for Science IV	2	0/2	2	L
KBIO/bd532/12	Plant Biotechnologies	2	2/0	3	Z
KBIO/bd025/15	Tissue Cultures	2	2/0	3	Z
KBIO/bd026/15	Microorganisms in Foods	2	2/0	3	Z
KBIO/bd032/15	GMO, Bioethics and Legislation	2	2/0	3	L
KBIO/bd033/15	Viruses and Bacteriophages in Therapy and Biotechnologies	2	2/0	3	L
KBIO/bd034/15	Methods for Detecting Microorganisms	2	2/0	3	L
Selective subjects					
Abbr.	Name	Credir	Scope	Year	Sem.
KBIO/bd099/15	Introduction to Psychological Sciences	2	2/0	1	Z
KBIO/bd035/15	Sports Activities I	2	0/2	1	Z
KAI/bd003/15	Fundamentals of Marketing	2	2/0	1	L
KBIO/bd036/15	Sports Activities II	2	0/2	1	L
KAI/bd004/15	Applied Economics	2	2/0	2	Z
KER/bd306/15	Environmental Monitoring	2	2/0	2	Z
KBIO/bd037/15	Sports Activities III	2	0/2	2	Z
KBIO/bd038/15	Sports Activities IV	2	0/2	2	L
KBIO/bd039/15	Sports Activities V	2	0/2	3	Z
KAI/bd005/15	Fundamentals of Accounting	2	0/2	3	Z
KBIO/bd098/15	Fundamentals of Private Law	2	0/2	3	Z
KAI/bd006/15	Fundamentals of Management	2	2/0	3	L
KBIO/bd040/15	Sports Activities VI	2	0/2	3	L