



Master's degree study programme: Molecular Biology and Biotechnology

Faculty of Natural Science

Curriculum

No.	Study course	Course code	ECTS Credits
I Year, I Semester			
1.	Term paper	BION5007	5
2.	Molecular Laboratory Diagnostics	BIO5009	6
3.	Molecular Ecology	BIO6006	6
4.	Molecular Biology	BIO5001	6
Electives Courses (1)			
5.	Membranes and Bioenergetics	BBK5004	6
6.	Molecular Biology of Medicinal Plants	BIO5010	6
7.	Biotechnology for Medicine	BIO6007	6
Total:			29
II Semester			
1.	Molecular Biotechnology	BIO5005	6
2.	Bionanotechnology and Biomodelling	BIO6002	6
3.	Molecular Immunogenetics	BIO5011	6
4.	Research Project	BIO5008	6
Electives Courses (1)			
5.	Molecular Methods in Forensic Medicine	BIO6009	6
6.	Special Course	BIO6004	6
Total:			30
II Year, III Semester			
1.	Integrative Analysis of Biological Systems	BBK6003	6
2.	Genetically Modified Organisms	BIO6003	6
3.	Plant Biotechnology	BIO6010	6
4.	Systems Biology	BIO6011	6
5.	Scientific Professional Practice	BIO6008	7
Total:			31
IV Semester			
1.	Master Graduation Paper	BENMBIO01	30
Total:			30
Total for the Programme:			120



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