

Standard Master program in Biology (Microbiology)

(Dated October 29th, 2015)

The total minimum required number of credits:	64 credits
- General courses (required):	07 credits
- Fundamental and core courses:	39 credits
+ Required:	18 credits
+ Elective:	21/42 credits
- Master thesis:	18 credits

Available curriculum

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
I	General courses		7				
1.	PHI5001	<i>Philosophy</i>	3	30	15		
2.	ENG5001	<i>General English</i>	4	30	30		
II	Fundamental and core courses		39				
II.1.	Required		18				
3.	ENG6001	<i>English for Academic Purposes</i>	3				
4.	BIO6001	<i>Biosystematics</i>	3	30		15	
5.	BIO6002	<i>Molecular Cell Biology</i>	3	30		15	
6.	BIO6062	<i>Biodiversity and Conservation</i>	3	30		15	BIO6001, BIO6002
7.	BIO6013	<i>Physiology and Biochemistry of Microorganisms</i>	3	30		15	BIO6001, BIO6002
8.	BIO6030	<i>Microbial Biotechnology</i>	3	30		15	BIO6001, BIO6002
II.2.	Elective		21/42				

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
9.	BIO6029	<i>Virology</i>	3	30		15	BIO6001, BIO6002
10.	BIO6063	<i>Molecular Physiology</i>	3	30		15	BIO6001, BIO6002
11.	BIO6067	<i>Microbial Ecology: Fundamentals and Applications</i>	3	30		15	BIO6001, BIO6002
12.	BIO6069	<i>Microbial Signaling</i>	3	30		15	BIO6001, BIO6002
13.	BIO6003	<i>Experimental Biochemistry</i>	3	30		15	BIO6001, BIO6002
14.	BIO6005	<i>Cell cycle</i>	3	30		15	BIO6001, BIO6002
15.	BIO6070	<i>Recombinant Protein Technology</i>	3	30		15	BIO6001, BIO6002
16.	BIO6072	<i>Fungal Biology</i>	3	30		15	BIO6001, BIO6002
17.	BIO6031	<i>Environmental Microbiology</i>	3	30		15	BIO6001, BIO6002
18.	BIO6073	<i>Genetic Modification of Microorganisms</i>	3	30		15	BIO6001, BIO6002
19.	BIO6033	<i>Fermentation Technology</i>	3	30		15	BIO6001, BIO6002
20.	BIO6034	<i>Infectious Diseases</i>	3	30		15	BIO6001, BIO6002
21.	BIO6074	<i>Plant Pathology</i>	3	30		15	BIO6001, BIO6002
22.	BIO6068	<i>Molecular Microbiology</i>	3	30		15	BIO6001, BIO6002
III	Master Thesis		18				
23.	BIO7003	<i>Master Thesis</i>	18				
Total			64				

