

“Lucian Blaga” University from Sibiu
 Faculty of Sciences
 Domain: Biology
 Masters Program: **Applied biology**
 Studies duration: 2 years
 Education form: full time

LEARNING SCHEADULE

Valid from year I,
 academic year 2010-2011

No.	Discipline	Code	Credits	No. hours/week				Testing form
				C	S	L	P	
<i>1st Semester</i>								
1	Cytology and applied histology	3906AB01I001	7	2		2		Examination
2	Present issues of taxonomy	3906AB01I002	7	2	1	1		Examination
3	Applied microbiology	3906AB01I003	8	2		2		Examination
4	Management and modelling of experimental data	3906AB01I004	7	1		2		Colloquy
			29	7	8			
<i>2nd Semester</i>								
				C	S	L	P	
5	Comparative animal physiology	3906AB02I005	8	2		2		Examination
6	Genetic manipulation - techniques and applications	3906AB02I006	8	2	2			Examination
Optional disciplines (two disciplines at the students' choice):								
7	Biochemical and immunochemical methods for control and expertise	3906AB02O007	5	2		2		Examination
8	Biodegradation expertise and control	3906AB02O008	5	2	1	1		Examination
9	Vegetation expertise	3906AB02O009	5	2		2		Examination
10	Fauna expertise	3906AB02O010	5	2		2		Examination
11	Descriptive and inferential statistical analysis of experimental data	3906AB02O011	5	2		2		Examination
12	Magnum practicum 1	3906AB02I012	5			2		Colloquy
			31	8	10			
Facultative disciplines								
13	Ethnobiology	3906AB02F013	5	1		1		Colloquy
14	The behaviour of organisms and communities in stress	3906AB02F014	5	1		1		Colloquy
			10	2	2			

<i>3rd Semester</i>				C	S	L	P	
15	Management of biological resources	3906AB03I015	8	2	1		1	Examination
16	Strategies and methods for biodiversity conservation	3906AB03I016	8	2		1	1	Examination
Optional disciplines (two disciplines at the students' choice):								
17	Biological analysis of waters	3906AB03O017	5	1		1	1	Examination
18	Speciation and extinction theory	3906AB03O018	5	1	2			Examination
19	Biological collections	3906AB03O019	5	1		2		Examination
20	Experimental design	3906AB03O020	5	1		2		Examination
21	The organisation, hygiene and security of biology laboratories	3906AB03O021	5	1	2			Examination
22	Magnum practicum 2	3906AB03I022	7			2		Colloquy
			33	6		10		
Facultative disciplines								
23	Biotechnologies used in environmental protection	3906AB03F023	5	1		1		Colloquy
24	Protection and use of spontaneous flora	3906AB03F024	5	2		1	1	Colloquy
			10	3		3		
<i>4th Semester</i>				C	S	L	P	
Optional disciplines (three disciplines at the students' choice):								
25	Toxicology	3906AB04O025	7	2		1		Examination
26	Biological technologies	3906AB04O026	7	2		1		Examination
27	Biomonitors and bioindicators	3906AB04O027	7	2		1		Examination
28	Biology and control of parasites	3906AB04O028	7	2		1		Examination
29	Control of insect populations	3906AB04O029	7	2		1		Examination
30	Biology and control of invasive species	3906AB04O030	7	2	1			Examination
31	Sociobiology	3906AB04O031	6	2	1			Examination
32	Practice for the disquisition project preparation	3906AB04I032				2		Colloquy
			27	6		8		
Total credits			120					
The disquisition project elaboration and presentation			10					

Rector
Prof. PhD eng. Constantin Oprean

Dean
Prof. PhD. Dumitru Batâr

Head of Department
Assoc. prof. PhD. Angela Bănăduc