

BIOLOGY



FACULTY OF SCIENCES, PHYSICAL EDUCATION AND COMPUTER SCIENCE



BIOLOGY

DEGREE TYPE UPON GRADUATION:

Bachelor's degree

DURATION:

3 years (6 semesters)

LANGUAGE:

Romanian

ECTS POINTS:

180

PROGRAMME DESCRIPTION:

This study programme aims at training highly qualified specialists with a similar skillset to that of European biologists. Students will also acquire relevant experience allowing them to access the labour market in Romania and abroad.

TUITION:

EU citizens: 3500 RON (approx. € 720)

Non-EU citizens: € 2430

ENTRY REQUIREMENTS:

-Baccalaureate Diploma

3 REASONS TO CHOOSE THIS PROGRAMME:

- Gain experience and practical skills in the field through training and the opportunity to elaborate the bachelor thesis in research centres, companies, NGOs.
- Project and partnership collaborations with national and international universities through ERASMUS+ study and traineeship grants.
- The opportunity of continuing the professional training in the field with Master and Doctoral programmes, with broad perspectives in the current global context.



CAREER OPPORTUNITIES

- Health and Nursing
- Research in the field of Biological and Biomedical Sciences
- Biodiversity Conservation and Environmental Protection (environmental protection agencies, protected areas, museums, botanical and zoological gardens, public institutions)
- Education
- Business and Industry (in the pharmaceutical sector, sales companies, dairy industries, sausage factories)

PROGRAMME DETAILS

I st YEAR OF STUDY					
I st SEMESTER			II nd SEMESTER		
Subjects	ECTS	Type of assessment	Subjects	ECTS	Type of assessment
Vegetal Cytology	3	E	Paleobiology	4	E
Animal Cytology	3	E	Biochemistry	3	E
General Chemistry	6	E	Plant and Animal Histology and Embryology	5	E
Mathematics with Applications in Biology	3	E	Systematic Botany (Cryptogams)	5	E
Plant Morphology and Anatomy	6	E	Systematics of the Vertebrates	5	E
Invertebrate Systematics	7	E	Internship	3	C
Physical Education I *	1	V	Physical education II *	1	V
Foreign Language	2	C	Biophysics / Developmental Biology	3	E
			Foreign Language	2	C

* - the course credit points (ECTS) are not taken into account within the semester credit points (ECTS)

II nd YEAR OF STUDY					
I st SEMESTER			II nd SEMESTER		
Subjects	ECTS	Type of assessment	Subjects	ECTS	Type of assessment
Human Anatomy and Hygiene	5	E	Population Biology	5	E
Plant Physiology	5	E	Evolutionism	2	E
General Microbiology	6	E	Animal Physiology	5	E
Systematic Botany (Phanerogam)	6	E	General Genetics	6	E
Physical Education III *	1	V	Mycology	5	E
Anthropology / Ornithology	3	E	Physical Education IV *	1	V
Ethics and Academic Integrity/Microscopy	3	E	General Parasitology / Cell and Tissue Cultures	3	E
Foreign Language	2	C	Foreign Language	2	C

* - course credit points (ECTS) are not taken into account within the semester credit points (ECTS)

III rd YEAR OF STUDY					
I st SEMESTER			II nd SEMESTER		
Subjects	ECTS	Type of assessment	Subjects	ECTS	Type of assessment
Cellular and Molecular Biology	5	E	Nature Conservation	3	E
General Ecology	5	E	Phytocenology	5	E
Biogeography	4	E	Hydrobiology	5	E
Genetic Engineering	4	E	Entomology	4	E
Phytopathology	4	E	Physiology of Nutrition and Plant Development	3	E
Human Genetics / Relation Functions, Nutrition and Reproduction in Animals	3	E	Scientific and Professional Writing and Communication/ Soil Biology	3	E
Immunobiology / Plant Genetics	5	E	Taxonomy / Ethology	2	E

*V= test taken in the last two weeks of the semester (about 10% of the final grade)

*C= test taken in the last two weeks of the semester (about 30% of the final grade)

*E= exam taken during the exam period (at least 50% of the final grade)



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