

MONITORING AND ENVIRONMENTAL PROTECTION

DEGREE TYPE UPON GRADUATION

Master's Degree

DURATION

2 years (4 semesters)

TEACHING LANGUAGE

Romanian

ECTS POINTS

120

PROGRAMME DESCRIPTION

The general objective of the master's program „Monitoring and environmental protection” is to ensure professional training in the field of Environmental Science and in fields that ensure interdisciplinarity - Horticulture and Biology, by deepening specialized training and effective involvement of master students in scientific research.

TUITION

EU citizens: 3500 RON (approx. € 700)

Non-EU citizens: € 2430

ENTRY REQUIREMENTS

Bachelor Diploma

REASONS TO CHOOSE THIS PROGRAMME

- Ensures a wide range of employment opportunities, through the interdisciplinarity of the three fields of study: Environmental Science, Horticulture, Biology.

CAREER OPPORTUNITIES

- state and private institutions in the field of environment
- research in the horticultural, biological or environmental field
- education

PROGRAMME DETAILS

I st YEAR					
I st SEMESTER			II nd SEMESTER		
Subjects	ECTS	Type of assessment	Subjects	ECTS	Type of assessment
Current strategies in biodiversity conservation	7	E	Aquatic ecotoxicology	6	E
Population genetics	7	E	Deterioration of ecosystems	6	E
Interactions of microorganisms with the environment	7	E	Conservation and protection of soil resources	5	E
Plant regulation and self-regulation systems and mechanisms	6	E	Analytical control of environmental quality parameters	6	E
Specialized practice	3	C	Sustainable management of resources in agricultural systems	7	E
Psycho-pedagogy of adolescents, young people and adults *	5	E	Didactics of the field and developments in the didactics of specialization (high school, post-high school education, as the case may be) *	5	E
Design and management of educational programs *	5	E			

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

II nd YEAR					
I st SEMESTER			II nd SEMESTER		
Subjects	ECTS	Type of assessment	Subjects	ECTS	Type of assessment
Biomarkers	5	E	Physiology of plant stress	6	E
Landscape resources in land use planning	6	E	Protection and conservation of forest ecosystems	6	E
Monitoring and protection of water resources	7	E	Biotechnology of microorganisms with bioremediation applications	6	E
Integrated quality-environment system	5	E	Project management	4	E
Management of horticultural production in a controlled climate	4	E	Scientific research	3	C
Academic ethics and integrity	3	C	Internship for the drafting of the dissertation paper	5	C

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

* 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)