



ECOLOGY AND ENVIRONMENTAL PROTECTION

1. Mission of the study program

The mission of the Bachelor's degree program in Ecology and Environmental Protection consists of training highly qualified specialists and carrying out scientific research and continuing education activities in the field of environmental sciences.

2. Study program objectives

- to allow the acquirement of specialized knowledge in an operational system that ensures professional, cognitive and affective value skills;
- to substantiate the development of an interdisciplinary, integrative perspective in order to prepare graduates adaptable to the demands of society;
- to train graduates with superior training in the field of ecology and environmental protection at a level corresponding to current internationally recognized requirements;
- to ensure an optimal framework for bilateral transfer of information between the academic environment and practice

3. Study program premises and deliverables

The Bachelor's degree program in Ecology and Environmental Protection has been operating since 1991, accredited since 2000 (HG 410/2002), being the first ecology program in the country. The Bachelor's degree program in Ecology and Environmental Protection trains specialists in the field of environmental sciences. This is continued with the Master's degree program in Ecological Systems Expertise and Management. The Bachelor's degree program in Ecology and Environmental Protection ensures the training of cognitive, professional (instrumental) and affective-value (interpersonal) skills in accordance with national and international standards, skills that qualify graduates of this program as **Specialists in the Field of Environmental Protection** (code 2133 of COR/ISCO – 08 / ESCO) for the following occupations, according to the diploma supplement and registration in RNCIS: *Ecologist 213305 and Ecological Advisor 213308*.

4. Teaching activity

Courses	888 hours
Seminars	366 hours
Laboratories	710 hours
Practice	168 hours

5. Student evaluation

Number of assessments/years of study					
Type of evaluation	the 1st year	the 2nd year	the 3rd year	TOTAL	%
Exams	10	7	8	25	53.19
Colloquiums	5	8	7	20	42.55
Other forms	2	-	-	2	4.26

6. Registration procedure (access conditions). Enrollment conditions in the following academic year. Conditions for passing a year of studies.

The selection methods for the admission competition are based exclusively on the candidate's academic skills. Admission to the Bachelor's degree program Ecology and Environmental Protection is made entirely based on the grade obtained in the baccalaureate exam. The admission regulations present the admission criteria as well as those for dividing candidates with the same grade in the baccalaureate exam.

Enrollment in the next year is conditioned by meeting the promotion conditions contained in the Regulations on the professional activity of students:

- Enrollment in the second year is conditional on the accumulation of at least 30 credits;
- Enrollment in the third year is conditional on the accumulation of at least 90 credits

7. Equality of chance

The recruitment, admission, transfer and mobility of students from the Ecology and Environmental Protection study program are carried out transparently, in accordance with the legislation in force and the procedures approved by the LBUS Senate. Admission is based exclusively on the candidate's academic competences and does not apply any discriminatory criteria.

8. Program sustainability

From the perspective of ecological sustainability, the Ecology and Environmental Protection study program promotes an efficient use of resources through the following measures: configuring study formations to minimize energy consumption related to the teaching activities while ensuring efficient professional training; encouraging the use of electronic format for assignments, reports or projects; using support materials in electronic format to replace biological materials (plant or animal species). Also, waste resulting from applied activities is managed according to the regulations in force and the waste collection system adopted by ULBS.

Graduates of the Environmental Science study program can occupy various jobs as ecologists in environmental protection agencies, environmental guards, administrations of protected natural areas, public administrations, various companies, etc. Therefore, professional training through the Ecology and Environmental Protection bachelor's program responds to the needs of society by providing sustainability to social and economic development.

9. Ensuring flexibility in training. Conditions.

The flexibility of the study program is ensured by optional subjects and facultative disciplines.

The optional (elective) disciplines are proposed in a number of 10 packages, 1 package in the 3rd semester, 2 packages in the 4th semester, 4 packages in 5th and 3 in the 6th semester, gathering a total of 10 disciplines (courses) to be chosen from the 22 proposed. The large number of optional disciplines makes the study program more flexible and allows the acquiring of skills for different professional requirements of the labor markets. Also, the disciplines Practice 1 and Practice 2 have two modules, with laboratory and field components respectively, for which students of the 1st year EPM and the 2nd year EPM can opt.

The curriculum of the Ecology and Environmental Protection program also includes a number of 11 facultative disciplines proposed by the study program, to which 12 elective disciplines, proposed by the University, are added. The introduction of optional subjects proposed by the program such as Volunteering, Entrepreneurial Education and Professional Practice meets the requirements of employers, ensures the acquisition of additional and transversal skills and facilitates the insertion and adaptation of graduates in the labor market.

From the area of transversal facultative disciplines proposed by the University, we mention

- Romanian Culture and Civilization
- Multiculturalism and European Civilization
- Academic Writing
- Presentation Techniques
- Education for Sustainability
- Digital Education
- Social Equity and Non-Discrimination

10. Competence assessment methodology at the end of the studies

The conditions for passing the graduation exam are presented in the applicable Study Completion Methodology, approved by the Lucian Blaga University Senate. According to this methodology, the presentation to the graduation exam is conditioned by the passing of all the subjects provided in the education plan.

GRADUATION EXAM

1. *The period of preparation of the bachelor: semester 5-6;*
2. *The period of registration for the graduation exam - during June.*
3. *Period for sustaining the bachelor's degree exam: week 40 of the 3rd year*
4. *Number of credits for passing the bachelor's degree exam: 10 credite.*

11. Preparing for a job in education by competition

In order to fill a position in education (secondary school, high school or higher education in the bachelor's degree field) through a competition, the graduate must possess the Certificate of Graduation from a study program for psycho-pedagogical training (which allows the exercise of the teaching profession) coordinated by the Department for the Training of Teaching Staff within ULBS (or within another university).

The psycho-pedagogical training for obtaining the Certificate of Graduation is carried out after completing two modules:

(1) Module I (30 credits) - which is carried out additionally, in parallel with the undergraduate studies or in a postgraduate regime, upon completion of which a Graduation Certificate (Module I) is obtained.

(2) Module II (30 credits) - which is carried out after the graduation of the undergraduate studies, in parallel with the undergraduate studies or in a postgraduate regime. It is completed with a Graduation Certificate (advanced or thoroughgoing study level).