



FACULTY OF ENVIRONMENTAL PROTECTION



Caring for the environment is essential.
**CARING FOR THE ENVIRONMENT
IS A PROFESSION.**

Graduate in Eco-technologies



BY SHARING STATE-OF-THE-ART, INTERDISCIPLINARY KNOWLEDGE, WE CONTRIBUTE TO SOLVING ENVIRONMENTAL ISSUES, SUPPORT SUSTAINABLE DEVELOPMENT, THE CONSERVATION OF NATURAL RESOURCES, A CLEANER ENVIRONMENT AND BETTER LIVING CONDITIONS IN TODAY'S SOCIETY.

In the implementation of our study programs, we take into account the current and future requirements of employers in the field of environmental sciences. In addition to the quality of implementation and high relevance of content, we encourage international mobility and networking, thus enriching knowledge and increasing employment opportunities for graduates in Slovenia and abroad.

BECOME

Graduate in Eco-technologies

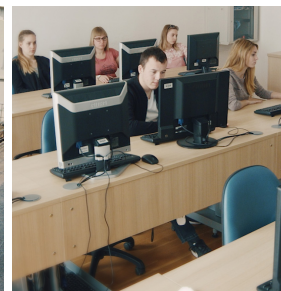
FACULTY OF ENVIRONMENTAL PROTECTION

**Undergraduate – first degree professional study programme
Environmental Protection and Eco-technologies**



**FACULTY OF
ENVIRONMENTAL
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General information

TITLE OF THE PROGRAMME

Environmental Protection and Eco-technologies

ACADEMIC DEGREE AND TYPE OF PROGRAMME

Undergraduate – first degree professional study programme

PROFESSIONAL TITLE UPON GRADUATION

Graduate in Eco-technologies

DURATION OF STUDIES

3 years (180 ECTS)

GENERAL GOALS OF THE ACADEMIC PROGRAMME:

We provide students with modern, applicable knowledge for effectively solving challenges in the interdisciplinary field of environmental protection, environmental technologies, sustainable development, nature conservation and the rational use of natural resources. Graduates will gain diverse knowledge about the environment and its processes; they will learn about the impact of human activities on the environment, measures and technologies for environmental protection and mitigation, waste management methods, methods of assessment and evaluation of environmental impacts and environmental monitoring, as well as the importance of humanities and social sciences in environmental protection and (sustainable) management with the environment and its resources.

ENROLLMENT STATUS

Full-time and Part-time studies

LOCATION

Velenje, Slovenia



ACCESS REQUIREMENTS

- a general *matura* certificate, or
- a vocational *matura* certificate, or
- a final examination certificate in any four-year programme obtained prior to 2002

TERMS OF TRANSFERS BETWEEN ACADEMIC PROGRAMMES

The EPC Committee for Student Affairs shall decide on possible student transfers from high education academic programmes and professional higher education academic programmes based on the Rules on Transfers between Academic Programmes.

APPLICATIONS AND ENROLMENT

The candidate submits the application for enrolment with an electronic application at the eVŠ web portal: <http://portal.evs.gov.si/prijava/>



CURRICULUM OF THE PROGRAMME ENVIRONMENTAL PROTECTION AND ECO-TECHNOLOGIES

FIRST YEAR CURRICULUM

COURSE	ECTS	L	SW	LW	FW
1. Mathematics	6	40	30	0	0
2. Chemistry and the environment	7	45	15	30	0
3. Ecosystem biology	6	30	30	0	0
4. Professional technical foreign language	6	30	30	0	0
5. Evaluation and protection of the geographical environment	5	30	20	0	10
6. Environmental sociology	5	25	20	0	0
7. People and environment	8	60	30	0	15
8. Nature conservation	6	30	25	0	15
9. Environmental legislation and the basics of environmental law	5	30	20	0	0
10. Technologies for the reduction of environmental pollution	6	30	20	0	10
Total	60	350	240	30	50

SECOND YEAR CURRICULUM

COURSE	ECTS	L	SW	LW	FW
1. Computer science and GIS	8	30	60	0	0
2. Statistics	55	30	15	0	0
3. Physical phenomena in the environment	6	40	10	20	0
4. Waste management	6	45	15	0	10
5. Rational energy use	5	20	20	0	0
Total – obligatory part	30	165	120	20	10
6. Module A	15	/	/	/	/
7. Module B	15	/	/	/	/
Total	60	/	/	/	/



THIRD YEAR CURRICULUM

COURSE	ECTS	L	SV	LW	FW
1. Project planning and management	5	25	20	0	0
2. Engineering economics	4	20	10	/	/
3. Development of sustainable products, services and processes	5	25	20	0	0
4. Practical training (internship)	20	0	0	0	0
5. Diploma thesis	16	0	5	0	0
Total – obligatory part	50	70	55	0	0
6. Elective course (at least two)	10+	/	/	/	/
Total	60+	/	/	/	/

MODULE 1 — NATURE PROTECTION

COURSE	ECTS	L	SV	LW	FW
1. Management of wildlife populations	6	30	20	0	10
2. Molecular ecology in nature conservation	5	30	20	10	0
3. Planning and development of protected areas	4	20	10	0	10
Total	15	80	50	10	20

MODULE 2 — SOIL USE AND PROTECTION

COURSE	ECTS	L	SV	LW	FW
1. Geochemistry of the environment	4	20	15	10	0
2. Soil and environment	6	30	20	0	15
3. Environmental impact of agriculture	5	20	30	0	0
Total	15	70	65	10	15

MODULE 3 — ENVIRONMENT AND HEALTH

COURSE	ECTS	L	SW	LW	FW
1. Ecotoxicology	5	25	20	10	0
2. Environmental impact on life processes	5	25	25	0	0
3. Health ecology	5	20	25	0	0
Total	15	70	70	10	0

MODULE 4 — ENVIRONMENTAL TECHNOLOGIES

COURSE	ECTS	L	SW	LW	FW
1. Cleaning of polluted air	4	20	20	0	10
2. Waste water treatment	5	20	15	15	0
3. Biotechnology	6	30	15	0	15
Total	15	70	50	15	25

MODULE 5 — ENVIRONMENT AND SPACE

COURSE	ECTS	L	SW	LW	FW
1. Introduction to spatial planning	5	30	20	0	0
2. Environmental impact assessments	5	25	25	0	0
3. Development of rural area	5	20	15	0	15
Total	15	75	60	0	15

MODULE 6 — DETERMINING THE STATE OF THE ENVIRONMENT

COURSE	ECTS	L	SW	LW	FW
1. Environmental monitoring	5	30	15	0	10
2. Measuring techniques in environmental protection	5	25	0	20	0
3. Environmental communication	5	30	20	0	0
Total	15	85	35	20	10

ELECTIVE COURSES

COURSE	ECTS	L	SW	LW	FW
1. Chemistry of pollutants	5	20	25	20	0
2. Environmental project practicum	5	10	30	0	10
3. Quality and standards	3	20	10	0	0
4. Ecological risks and HSE at work	3	20	20	0	0
Courses of other study programs	3+	/	/	/	/





Employment possibilities for graduates

COMPANIES

- Companies that are required by law to have an environmental permit;
- Developers of environmentally friendly products, services, or technologies who want to increase the social responsibility of their operations (ISO 14001, EMAS, eco-label, etc.);
- Companies handling hazardous substances and waste;
- Waste management companies (collection, treatment, recycling, disposal...);
- Companies for the development and production of waste management equipment;
- Providers of environmental monitoring (water, air, noise, soil, etc.);
- Producers of environmental documentation for spatial and other plans, interventions with environmental impacts, interventions in protected areas;
- Forestry companies;
- Contractors of rehabilitation of degraded areas and flood protection measures;
- Companies in the field of eco-tourism;
- Energy renovation contractors;
- Farms.

PUBLIC INSTITUTIONS

- Public utility companies (central treatment plants, small treatment plants, water providers, etc.);
- Administrative and supervisory institutions for environmental protection and spatial planning;
- Environmental departments of education and research institutions;
- Protected areas, parks, reserves;
- Urban institutes;
- Hunting and fishing organizations;
- Environmental NGOs



FACULTY OF ENVIRONMENTAL PROTECTION—LABORATORY



FACULTY OF
**ENVIRONMENTAL
PROTECTION**

**NATURE IS
ALWAYS RIGHT.**



TEN REASONS TO STUDY AT THE FACULTY OF ENVIRONMENTAL PROTECTION

1. **STUDY CONTENT IS RELEVANT, APPLICABLE, AND EFFECTIVE**
2. **TEACHING STAFF WITH PRACTICAL EXPERIENCE**
3. **MANY EMPLOYMENT OPPORTUNITIES**
4. **MODERN FACILITIES (SCHOOL AND LABS)**
5. **QUALITY STUDY MATERIALS**
6. **STUDENTS INVOLVED IN RESEARCH PROJECTS**
7. **STUDENT EXCHANGES ABROAD**
8. **GREAT VARIETY OF EXTRA-CURRICULAR ACTIVITIES**
9. **STUDENT ACCOMMODATION AVAILABLE**
10. **ACCESSIBLE AND FRIENDLY STAFF**

INFO

FACULTY OF ENVIRONMENTAL PROTECTION

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