



PLAN OF STUDIES (STRUCTURE)

The level of education: **second-level studies**, Form of studies: **full-time**

Main-field-of-study: **Environmental Engineering**

Specialization: **Environmental Quality Management**

Plan of studies in effect since academic year: **2019/2020**

| | | | |
|------------------|--|---|---|
| 1 | Polish Language A1 or English Language C1+ 01000 (1) JZL100930BK | Polish Language or Another Language 03000 (2) JZL100929BK | Optional course 10100 (1+1) ISS109464BK |
| 2 | Ethics of new and emerging technologies 10000 (2) FLH071121W | Environmental management 20000 (3) ISS005007 | Organization of construction works 10000 (2) ISS105036 |
| 3 | Strategic management 20000 (3) ZMZ000155 | Spatial planning 10000 (2) GPA105723 | Building regulation 20000 (2) ISS105058 |
| 4 | Optional course 10000 (1) ISS200002BK | Reliability of engineering systems 10000 (2) ISS105029 | Renewable energy systems 10000 (2) ISS105038 |
| 5 | Engineering applications of mathematical statistics 11000 (2+1) ISS005006 | Biodegradable materials 20000 (2) ISS105015 | Diploma seminar 00002 (2) ISS105035 |
| 6 | Environmental chemistry 20100 (3+2) ISS105051 | Wastewater treatment technology 20100 (2+1) ISS105056 | Diploma project (Master thesis) 15h (20) ISS105034 |
| 7 | Automation in environmental engineering 00100 (2) ISS105052 | Solid waste management 20100 E (2+1) ISS105030 | |
| 8 | Water quality management 20000 E (3) ISS105014 | Waste gases purification 21000 E (2+1) ISS105019 | |
| 9 | Raw materials management 10001 (1+1) ISS105024 | Environmental Toxicology 10100 (1+1) ISS105057 | |
| 10 | Water treatment technology 20100 E (2+1) ISS105053 | Environmental health hazards 20000 (2) ISS105032 | |
| 11 | Sanitary biology 10100 E (1+1) ISS105054 | Sewage systems 10010 (2+1) ISS105033 | |
| 12 | AutoCad 00100 (1) ISS105055 | Membrane separation processes in environmental protection 10100 (2+1) ISS105049 | |
| 13 | Water supply systems 10010 (1+1) ISS105028 | | |
| 14 | | | |
| 15 | | | |
| h/sem | 23 | 26 | 23 |
| ECTS | 30 | 30 | 30 |
| Year of study | I year | | II year |
| Sem. | 1 | 2 | 3 |

Basic sciences
courses

General education
courses

Main-field-of-study
courses

Optional
courses

Specialization
courses

Signs:

21020 – the number of hours per week: lecture, exercises, laboratory, design, seminar

E – course ended with an exam

(3+1+1) – assigned ects points

ISS100100 – course code