

LIST OF COURSES IN THE ACADEMIC YEAR 2017/2018

LEVEL II DEGREE – M.SC. STUDIES (MASTER'S DEGREE)

Environment Protection Engineering – I (first) MSc year

| Name of subject | Responsible department | semester 1 | | | | | | semester 2 | | | | | | |
|---|------------------------|------------|----------|----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|------------|-----------|---|
| | | lec | tut | lab | comp | proj | ECTS | lec | tut | lab | comp | proj | ECTS | |
| Physical Education and Sport | SWFiS | | | | | | | | 30 | | | | | 0 |
| HES- Searching and Sharing of Knowledge (Poszukiwanie i dzielenie się wiedzą) | OiKŚ | 15 | | | | | 2 | | | | | | | |
| HES - Environmental Protection Management (Zarządzane ochroną środowiska) | IiBJŚ | 15E | | | | 30 | 4 | | | | | | | |
| Computational Methods in Environmental Engineering (Metody obliczeniowe w inżynierii środowiska) | IiBJŚ | 30E | | | 15 | | 4 | | | | | | | |
| Environmental Physics (Fizyka środowiska) | OiKŚ | 30E | | | 15 | | 4 | | | | | | | |
| Spatial Planning (Planowanie przestrzenne) | OiKŚ | 15 | | | | | 2 | | | | | | | |
| Monitoring of Environment (Monitoring środowiska) | OiKŚ | 15 | | | | 15 | 3 | | | | | | | |
| Reliability and Safety of Engineering Systems (Niezawodność i bezpieczeństwo systemów inżynierskich) | ZWiOŚ | 30 | | | | | 2 | | | | | | | |
| Applied Climatology (Klimatologia stosowana) | OiKŚ | 30 | | | 15 | | 3 | | | | | | | |
| Irrigation and Drainage (Nawodnienia i odwodnienia) | OiKŚ | 15 | | | | 30 | 3 | | | | | | | |
| Introduction to Remote Sensing of Environment (Podstawy analizy zdjęć satelitarnych) | IiBJŚ | 15 | | | 30 | | 3 | | | | | | | |
| Geostatistics (Geostatystyka) | IiBJŚ | | | | | | | 30E | 15 | | | | | 4 |
| Heat and Mass Transfer (Wymiana ciepła i masy) | KiO | | | | | | | 15 | | | | | 30 | 3 |
| Environmental Chemistry II (Chemia środowiska II) | IiBJŚ | | | | | | | 15 | | 30 | | | | 3 |
| Pro-ecological Technologies (Technologie proekologiczne) | OiKŚ | | | | | | | 15 | | | | | 15 | 2 |
| Groundwater Protection (Ochrona wód podziemnych) | OiKŚ | | | | | | | 15E | | | | | 30 | 4 |
| Land Reclamation and Development (Rekultywacja i zagospodarowanie gruntów) | OiKŚ | | | | | | | 15E | | 15 | | | 15 | 4 |
| Municipal Solid Waste Treatment Technology (Technologia unieszkodliwiania odpadów komunalnych) | OiKŚ | | | | | | | 30 | | | | | 15 | 3 |
| Global Climate Change (Globalne zmiany klimatyczne) | OiKŚ | | | | | | | 30E | | | | 15 | | 4 |
| Spatial Data Visualisation and Analysis (Techniki wizualizacji i grafiki komputerowej) | | | | | | | | | | | | 45 | | 3 |
| Total hours in a semester / ECTS in a semester | | 210 | 0 | 0 | 75 | 75 | 30 | 165 | 45 | 45 | 60 | 105 | 30 | |

lec – lecture, tut – tutorial, lab – laboratory, comp – computer class, proj – project, E - exam