**SYLLABUS** (MODULE-ERASMUS+)

|  |  |  |
| --- | --- | --- |
| Course/module (as specified in the approved curriculum for the field of study) **Environmental Impact Assessment** | ECTS**2** | Component code**ENVI 2.2** |
| Name in Polish**Oceny oddziaływania na środowisko** |
| Unit(-s) providing the course/module (Faculty, Institute/Department)**Faculty of Environmental and Mechanical Engineering, Department of Ecology and Environmental Protection**  |
| Head of course/module (e-mail address)**Klaudia Borowiak, Prof. (****klaudia.borowiak@puls.edu.pl****)** |
| Other teachers**Marta Lisiak-Zielińska, PhD; Arlinda Cakaj, MSc** |
| Course category**Open** | Language**English** | Level**Bachelor/Master** | Profile**Academic-general** | Semester**Winter/summer** |
| **TYPE OF CLASSES/LECTURES AND THE NUMBER OF HOURS**(organised classes/lectures and self-study) |
| Type of studies: full-time |  | Type of studies: extramural |  |
| * lectures
 | 10 | * lectures
 | - |
| * practical classes
 | 10 | * practical classes
 | - |
| * field exercise
 | -  | * field exercise
 | - |
| * other lessons
 |  - | * other lessons
 | - |
| * self-study
 |  30 | * self-study
 | - |
| Total number of hours: | 50 | Total number of hours: | - |
| **PRE-REQUSITES**Basics of environmental sciences. |
| **OBJECTIVE OF COURSE/MODULE**The main objective is to train students in methods and techniques of environmental impact assessments. |
| **TEACHING METHODS**Lectures based on multimedia presentation with elements of discussion.Practical classes: individual project about selected investment.Possibility to use distance learning tools and techniques. |
| **LEARNING OUTCOMES** | Referenceto field outcomes |
| Knowledge | O1: Student has extended knowledge about environmental databases and knows how to apply for certain purposes.O2: Student knows the methods and rules of determination effects of projects to environment.O3: Student knows international law concerning environmental impact assessment procedures. | Notapplicable |
| Skills | O4: Student is able to define factors influencing on environment during the project life cycle and can describe them.O5: Student is able to choose indicators for description of the level of effect of investment to environment and can assess their value.   | Notapplicable |
| Socialcompetences | O6: Students knows consequences of environmental impact assessment tools.O7: Students feels responsibility to maintain natural balance at rural in urban areas in regard to spatial management. | Notapplicable |
| **METHODS TO VERIFY LEARNING OUTCOMES**Writing exam includes the content of the lectures.Completion of the project during the practical classes.  | Outcome ReferenceNumbersO1, O2, O3, O4, O5, O6, O7  |
| **TEACHING CONTENT****Lectures**: Sustainable development. Basics of European Union and international law for environmental impact assessments (EIA). Short history of EIA. Strategic EIA. Types of projects which require the EIA. Methods and techniques of EIA. EIA procedures. Screening and scoping stage. Public participation in EIA. Good practice in public consultations.**Practical classes:** Preparation of Environmental Impact Assessment Statement for selected investment based on the methods and techniques used in EIA. |
| **Forms and criteria for passing of course/module** Written individual report.Project evaluation and completion.Final written exam. | Percentage of final mark10%40%50% |
| **LIST OF LITERATURE** 1. Directive on Strategic Environmental Assessment (Directive 2001/42/EC).
2. DIRECTIVE (2011/92/EU) OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 13 December 2011 on the assessment of the effects of certain public and private projects on the environment
3. Guidance on EIA Scoping. Office For Official Publications of The European Communities. Environmental Resources Management.
4. Guidance on EIA Screening. Office For Official Publications of The European Communities. Environmental Resources Management.
5. Glasson, J., & Therivel, R. (2019). Introduction to environmental impact assessment. Routledge.
6. Hyman, E. L., Stiftel, B., Moreau, D. H., & Nichols, R. C. (2019). Combining facts and values in environmental impact assessment: Theories and techniques. Routledge.
 |