

Level: Bachelor				
Course title: Project - environmental impact analysis				
Status: elective				
ECTS: 7				
Requirements: none				
Learning objectives Master the basic steps of the procedure for estimating the impact of different human activities on the environment.				
Learning outcomes Students should be able to apply the knowledge gained in defining assessment procedures for projects that may have significant impacts on the environment and develop impact assessments of priority pollutants on the ecosystem.				
Syllabus <i>Theoretical instruction</i> Introduction to the basic tools of environmental impact assessment on. Assessment of the environmental impact. Strategic assessment of environmental impact. Define and elaborate stages of the evaluation procedure of environmental impact. Analysis and evaluation of the quality of the environment, the mutual influences of existing and planned activities through the study of effects on the environment. Framework and procedure for obtaining integrated IPPC license, the procedure for obtaining IPPC permits. <i>Practical instruction</i> In consultation with the teacher, the student defines an environmental impact assessment for a particular previously studied project that may have significant impacts on the environment. For the given pollutants or groups of compounds (the default theme), the student proposes an algorithm to analyze the impact on the environment. Types of pollution that will be included in the project are: particulate pollution, metals, aromatic hydrocarbons, BTEX, polyaromatic hydrocarbons, polychlorinated biphenyls, pesticides, surfactants, phosphate fertilizers, paints and varnishes, phthalates, dioxins, sulfur oxides, nitrogen oxides, hydrocarbons, chlorinated , phenols, residues of pharmaceuticals and their metabolites, radionuclides, carbon dioxide, oil, thermal pollution, pollution of corrosive chemicals.				
Weekly teaching load				Other:
Lectures: 15	Exercises: 45	Other forms of teaching: 45	Student research:	