

Level: bachelor				
Course title: Sources and control of environmental pollution				
Status: obligatory				
ECTS: 7				
Requirements: none				
Learning objectives Mastering the skills necessary to define, identify and control sources of pollution, as well as proposing measures to prevent pollution of the environment. Introducing students to pollutant fate and effects of environmental pollution.				
Learning outcomes Students should be able to define and list the natural and anthropogenic sources of pollution, identify sources of pollution in certain industrial processes, define measures to control pollution at the source, explain the basis of transport routes and dispersion of pollutants and describe the most significant consequences of environmental pollution.				
Syllabus <i>Theoretical instruction</i> Basic notions of the sources of pollution. Natural sources of pollution. Anthropogenic sources of pollution. Control of pollution at the source. Sources of environmental pollution in the production of energy. Sources of environmental pollution in the metallurgical industry. Sources of environmental pollution in the chemical and petrochemical industry. Sources of environmental pollution in the textile, leather, pulp and paper industries. Sources of environmental pollution in the agricultural sector. Transport and dispersion of pollutants. Consequences of environmental pollution. Episodic and accidental pollution. Risk Assessment. <i>Practical instruction</i> Practical instruction follows the theoretical one.				
Weekly teaching load				Other:
Lectures: 3 (45)	Exercises: AV 2 (30)	Other forms of teaching: 1 (15)	Student research:	