

Title of the course: Environmental impact assessment	NEPTUN-code: RKXHV1ABNE	Weekly classes: <i>lecture+practical work+lab work</i> 1+1+0	Credit: 2 Exam type: tm
Course leader: Imre Biczó, Dr.	Position: master teacher	Required preliminary knowledge (with Neptun code):	
Curriculum:			
Students get the concept of impact assessment and to study the methodology of impact assessments. Learn the main steps of creating the environmental impact assessment and it's purpose, as well as the structure of the environmental management system and the methodology of environmental auditing. To get know with the procedures that occur during the environmental engineering practices within the impact assessment methodology. The objective of this course is attitude shaping and transferring knowledge which can be used in practice.			
Professional competencies:			
Able to perform basic tests of the quantity and quality characteristics of environmental elements and systems by state-of-the-art measuring instruments; to draw up and implement measurement plans; and to evaluate data. Able to solve tasks of water, soil, air, radiation, and noise protection, as well as of waste treatment and processing at proposal level; to participate in preparing decisions; to perform authority audits; and to take part in the operation of these technologies. Performing environmental tasks individually and managing special environment protection work independently even in unexpected decision making situations. Cooperation with qualified experts from other special areas (primarily economic and legal) in the course of completing professional tasks.			
Literature:			
1. Alan Gilpin: Environmental Impact Assessment Cutting Edge for the 21st Century Cambridge University Press, Online publication date: June 2012, Print publication year: 1994, Online ISBN: 9781139166539, https://doi.org/10.1017/CBO9781139166539			
2. Edited by Peter Wathern: Environmental Impact Assessment, Theory and Practice, Print publication date: December 2015, Online publication date: February 2013, Print ISBN: 9781138137448, eBook ISBN: 9780203409978, Adobe ISBN: 9781134897728, 10.4324/9780203409978			
3. Charles H., Eccleston: Environmental Impact Assessment: A Guide to Best Professional Practices 1st , Kindle Edition,			