

<b>Title of the course:</b> <b>Environmental quality management system</b>	<b>NEPTUN-code:</b> RMWQM1ABNE	<b>Weekly classes:</b> <i>lecture+practical work+lab work</i> 2+2+0	<b>Credit: 5</b> <b>Exam type: e</b>
<b>Course leader:</b> González Mastrapa Henry, Dr.	<b>Position:</b> college professor	<b>Required preliminary knowledge (with Neptun code):</b> none	
<b>Curriculum:</b>			
<p>The aim of the subject is to clarify the environmental thesaurus, the concept of the management system and the basics of the systems' operation.</p> <ul style="list-style-type: none"> <li>• Implementation and requirements of environmental managements systems according to the ISO 14001 standard</li> <li>• Elements of the realization of EMS: environmental evaluations, system of environmental performance indices, environmental targets</li> <li>• Elements of preparation for emergencies, documentation</li> <li>• System of the European EMAS requirements in the organizational operation</li> <li>• Possibilities of integrating the systems</li> <li>• Risk assessments in EMS</li> <li>• SPC based control of environmental parameters</li> <li>• Planning and managing the process of projects aiming to improve environmental performance, project quality management</li> </ul>			
<b>Professional competencies:</b>			
<p>Knowledge of general and specific mathematical, natural and social scientific principles, rules, relations, and procedures as required to pursue activities in the special field of environment protection.</p> <p>Able to take part in environment expertise, advisory, and decision preparation work.</p> <p>Monitoring regulatory, technical, technological, and administrative changes related to the special field and enforcing them in their professional work.</p>			
<b>Literature:</b>			
1. EMAS			
2. ISO 14001, OHSAS 18001			
3. Moodle - <a href="https://elearning.uni-obuda.hu">https://elearning.uni-obuda.hu</a>			