

Module code (1.)	Module description (2.)	Category (3.)
MBI 3990 Stand: 07.10.2021	Master's Thesis and Colloquium	Int. Master
	Degree program (4.)	Sustainable Engineering of Infrastructure
	Faculty (5.)	Civil Engineering and Conservation / Restoration

Module supervisor (6.)	Supervising professor / lecturer
Type of module (7.)	P (obligatory)
Frequency (8.)	Annually
Standard semester of study (9.)	3 <sup>rd</sup> semester
Credits (ECTS) (10.)	21 ETCS
Assessment (11.)	Master's thesis and colloquium
Language of instruction (12.)	English
Admission requirements (13.)	Proof of 69 credits earned in the Master's program
Module is a requirement for (14.)	-
Module duration (15.)	16 weeks
Mandatory registration (16.)	Yes – application for admission to Master's thesis
Applicability of module (17.)	Civil Engineering

Course (18.)	Lecturer (19.)	Type (20.)	No. of students (max.) (21.)	No. of courses per week (22.)	Contact hours per week (23.)	Workload		
						Face-to-face (24.)	Self-study (25.)	
1	Master's thesis	Supervisor	Colloquium	unlimited	0.4 / participant	0	5	625
Total						<b>0</b>	<b>5</b>	<b>625</b>
<b>Workload for the module (26.)</b>								<b>630</b>

Learning objectives (27.)	After successfully completing the module, students can apply the knowledge acquired during their Master's studies and can independently explore new fields. They can select, discuss, and reflect on specialist and interdisciplinary problems, and work on and solve problems in a scientifically structured manner.
Course contents (28.)	<p>The contents of the module vary according to the specific task of the Master's thesis. They may include, for example, the following subsections:</p> <ul style="list-style-type: none"> <li>conducting comprehensive research, analysis, and evaluation of scientific publications</li> <li>carrying out, evaluating and discussing practical experiments, test procedures etc.</li> <li>participation in research projects</li> </ul>

	<ul style="list-style-type: none"> <li>• technical calculations and verifiable presentation of the results</li> <li>• preparation of drafts from a field of civil engineering</li> </ul>
<b>Preliminary exam requirements and assessment</b>	<p style="text-align: right;">(29.)</p> <ul style="list-style-type: none"> <li>• Assessment: Master's thesis and colloquium</li> <li>• Assessed using grades 1 – 5</li> <li>• Module grade is included in the overall grade in proportion to the number of credits earned</li> </ul>
<b>Literature</b>	<p style="text-align: right;">(30.)</p> <p>To be researched independently according to the specific task.</p>