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| **Module code** |  1.  | **Module description** |  2.  | **Category**  |  3.  |
| MBI 1930Stand: 06.10.2021 | Practical Specialization | Int. Master |
| **Degree program**  |  4.  | Sustainable Engineering of Infrastructure |
| **Faculty**  |  5.  | Civil Engineering and Conservation / Restoration |

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| **Module supervisor**  |  6.  | Head of degree program  |
| **Type of module** |  7.  | P (obligatory) |
| **Frequency** |  8.  | Annually |
| **Standard semester of study** |  9.  | Throughout the 1st and 2nd semester and lecture-free periods with a colloquium at the beginning of the 3rd semester |
| **Credits (ECTS)**  | 10.  | 12 ETCS |
| **Assessment** | 11.  | Project report and colloquium |
| **Language of instruction** | 12.  | English |
| **Admission requirements**  | 13.  | - |
| **Module is a requirement for**  | 14.  | - |
| **Module duration** | 15.  | 3 semesters |
| **Mandatory registration**  | 16.  | No |
| **Applicability of module** | 17.  | Civil Engineering |

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| **Course**18.  | **Lecturer**19.  | **Type**20.  | **No. of students(max.)** 21.  | **No. of lessons per week**22.  | **Contact hours per week**23.  | **Workload**  |
| **Face-to-face**24.  | **Self-study**25.  |
| **1** | Practical Specialization | Supervisor | Colloquium | unlimited | 0.4 / participant | 6 | 30 | 330 |
| Total | **6** | **75** | **330** |
| **Workload for the module**  | 26.  | **360** |

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| **Learning objectives** | 27.  | During the module, students work independently on a practice-oriented engineering project within the Master's specialization Sustainable Engineering of Urban Infrastructure. After successful completion of the module, they will be able to independently develop a complex project topic, complete it on time, present written project results in a clearly structured, comprehensible and testable manner using specialist software, and give a presentation to a specialist committee. |
| **Course contents** | 28.  | Vary according to the individual topics  |
| **Preliminary exam requirements and assessment** | 29.  | * Assessment: project report (throughout the course) and colloquium (in the 3rd semester)
* Assessed using grades 1 – 5

Project report (70%) and colloquium (30%)* Module grade is included in the overall grade in proportion to the number of credits earned
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| **Literature** | 30.  | Dependent on the individual project topics |