**MSC THESIS DATA SHEET**

|  |  |  |  |
| --- | --- | --- | --- |
| Name: |  | Neptun code: |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Programme: | Structural engineering (MSc) | Semester: | **2022/23/2** |

|  |  |  |  |
| --- | --- | --- | --- |
| Course: |  | Registration number: | **T012345/FI58544/1** |

|  |  |
| --- | --- |
| Title: | **Design of load-bearing structure/foundation of an X-Y structure according to economic / strength / earthquake requirements (exact title)** |

|  |
| --- |
| Description of the master thesis, design work details: |
| Within the master thesis the calculation of the different structural / foundation methods must be shown. Three study version must be presented, and the chosen version must be worked out in details.Content of the master thesis:1. Description of the task, target of the work.2. Literature research.3. Determination and calculation of the structural / geotechnical parameters.4. Working out the study versions (min 2-3 depending on the main task), approximate calculations.5. Detailed calculations of the chosen final version.6. Comparison with the case study7. Conclusion. Summary.8. References.Controlling the regular work, the student must carry a master thesis diary. The finishing of the working parts is confirmed by the consultants. The working out details are defined in the master thesis diary. |

|  |  |  |
| --- | --- | --- |
| Faculty consultant: |  |  |
| Dr. Wwwww Hhhhhh, assisstant professor | Department of Civil Engineering | 100 % |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| Company consultant(s): |  |  |
| Dr. Dddddd Eeeeee, assisstant professor | Department of Civil Engineering | 50 % |
| Aaaaaa Bbbbbbb, civil engineer | … Co. | 50 % |

|  |  |
| --- | --- |
| Starting date: | 05.09.2022. |
| Dead line of finishing: | 03.01.2023. |

Pécs, 6th February, 2023.

 Dr. habil Zoltán Orbán Professor Dr. Gabriella Medvegy

 head of the programme dean