### Examination schedule summer semester 2022

**Master program NHRE - ER 16, 19, 20**  
**date 08.03.2022**

<table>
<thead>
<tr>
<th>2nd examweek</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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</thead>
<tbody>
<tr>
<td><strong>2nd semester</strong></td>
<td>08.08.2022</td>
<td>09.08.2022</td>
<td>10.08.2022</td>
<td>11.08.2022</td>
<td>12.08.2022</td>
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<tr>
<td><strong>3rd semester</strong></td>
<td>01.08.2022</td>
<td>02.08.2022</td>
<td>03.08.2022</td>
<td>04.08.2022</td>
<td>05.08.2022</td>
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</tbody>
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#### 1st semester
- **Structural engineering** - Standard systems (205012)
- Finite element methods and structural dynamics - Part: Structural Dynamics (401014)
- Primary hazards and risks - Part: Seismic monitoring (202001)
- Applied Structural Dynamics (401011)

#### 2nd semester
- **Earthquake engineering and structural design** (202002)
- Multi-Hazard and risk assessment (202004)
- Introduction to Optimization (451002) / Optimization in Applications (451006)
- Risk projects and evaluation of structures (202005) + Assessment of structural performance (under extreme loading conditions) (202011)
- Disaster management and mitigation strategies - Part: Project and disaster management (901005)
- Applied Finite element methods (401012)

#### 3rd semester
- **Applied mathematics and stochastics for risk assessment** (301012)
- Finite element methods and structural dynamics - Part: Finite element methods (401015)
- Secondary hazards and risks (906016)
- Geotechnical Engineering (906014)
- Flood Hazard and Vulnerability Assessment (202003)
- Geo- and hydrotechnical engineering - Part: "Geotechnical Engineering" (906014)
- **Life-lines engineering** (204019)
- Design and interpretation of experiments (205014)
- Nonlinear analysis of structures under extreme loading (204010)

- Geographical information systems (GIS) and building stock survey (904002) → written project report (register via BISON)
- Fundamentals of structural health monitoring (SHM) and intelligent structural systems (907004) - Time and location will be announced by responsible lecturer
- Computational and Experimental Wind Engineering for Long-span Bridge Design (204025) → written project report (register via BISON)
- Disaster management and mitigation strategies - Part: Urban Sociology (1724415) → written project report (register via BISON)
- Fundamentals of structural health monitoring (SHM) and intelligent structural systems (907004) - Time and location will be announced by responsible lecturer
- Computational and Experimental Wind Engineering for Long-span Bridge Design (204025) → written project report (register via BISON)

**Legend:**
- compulsory module
- elective (compulsory) module
- Exam - Time and location will be announced by responsible lecturer

**Subject to modification and amendments!**

**First week = buffer week**