Restructuring of the CME programme

beginning in WS 2019/20

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Studiendekanat Bauingenieurwesen
Affected programme courses

B. Sc. Bau- und Umweltingenieurwesen (BU)
B. Sc. Computergestützte Ingenieurwissenschaft (CIB) ausl.!
M. Sc. Konstruktiver Ingenieurbau (KIB) ausl.!
M. Sc. Wasser- Umwelt- u. Küsteningenieurwesen (WUK) ausl.!
M. Sc. Windenergie-Ingenieurwesen (WIND) ausl.!
M. Sc. Bauingenieurwesen (BAU) NEU!
M. Sc. Umweltingenieurwesen (UIW) NEU!
M. Sc. Computational Methods in Engineering (CME)
M. Sc. Water Resources a. Environmental Management (Watenv)
M. Sc. Wasser und Umwelt (WuU)
M. Sc. Computational Methods in Engineering

– significant changes–

• change from hearing model to counted attempts
• changes of the special skills areas
• new compulsory module
• practice semester elective
• (interdisciplinary) Project 12 CP, can be interdisciplinary and in groups with other faculties
• general studies up to 30 CP from the offer of the LUH
• registration with the General Studies form at the Studiendekanat as usual
## M. Sc. Comp. Methods – Pathway

<table>
<thead>
<tr>
<th></th>
<th>Compulsory Modules</th>
<th>Elective- / Integration Modules</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>22 CP</td>
<td>8 CP</td>
<td>30</td>
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<thead>
<tr>
<th></th>
<th>Compulsory Modules</th>
<th>Elective M</th>
<th>(interdisciplinary) Project</th>
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<tbody>
<tr>
<td>2.</td>
<td>12 CP</td>
<td>6 CP</td>
<td>12 CP</td>
<td>30</td>
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<thead>
<tr>
<th></th>
<th>Mobility Window/Practice semester</th>
<th>Elective Modules</th>
<th></th>
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<tbody>
<tr>
<td>3.</td>
<td>30 CP</td>
<td>30 CP</td>
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<thead>
<tr>
<th></th>
<th>Elective Modules</th>
<th>Master Thesis</th>
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<tr>
<td>4.</td>
<td>6 CP</td>
<td>24 CP</td>
<td>30</td>
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- Compulsory Modules (Core Studies) = 34 LP
- Elective Modules (Core Studies) ≥ 20 LP
- General Studies
- Scientific Work
M. Sc. Computational Methods in Engineering

– transition regulations –

- automatic transfer to the new regulations in October
- passed modules stay passed
- unsuccessful attempts from PO15 will not be counted in PO19
- counted hearings will be erased
- no hearing / no 15 credits per semester anymore
M. Sc. Computational Methods in Engineering

– transition regulations –

• therefore 3 attempts for each exam…after 3 unsuccessful attempts --- supplement exam---ONLY FOR WRITTEN EXAMS! ORAL EXAMS ONLY 3 ATTEMPTS

• It is possible to „remaining in PO15“ with good reasons
• PO 15 is valid until 31.03.2022 –afterwards no exams possible
• Master thesis has to be registred until 30.09.2021
M. Sc. Computational Methods in Engineering

– transition regulations –

- requests until 31.12.2019 to the Studiendekanat
- request form online in August (FBG Homepage)
- reasons to remain in PO 15:
  - compulsory modules are passed
  - about 60 credits incl. elective modules are passed
  - Seminar/Master thesis registered or passed
  - Practical project started
- That means you almost finished you studies
M. Sc. Computational Methods in Engineering
– example for transition to PO19 –

end of 2nd semester
passed: PDE, Mech. of Solids, Fluid Mechanics, Reliability and Risk A.
Total of 28 CP
1 counted hearing
Change to PO19
M. Sc. Computational Methods in Engineering

– example for transition to PO19 –

end of 2nd semester
passed: PDE, Mech. of Solids, Fluid Mechanics, Reliability and Risk A., Advanced Stochastic Analysis
Total of 34 CP

Change to PO19
- The new Compulsory Module has to be done,
- Advanced Stochastic Analysis will be transferred to Elective Core Studies
M. Sc. Computational Methods in Engineering

– example for remaining in PO15 –

end of 3rd semester
Passed: Compulsory modules 34 CP
Elective Modules passed 28 CP
Total 62 CP
no hearing or uncounted hearing
stay in PO15
If change to PO19 --- New compulsory Module and interdisciplinary project! ---
practical semester or more modules

This is recommended for students who have problems to find a internship.
M. Sc. Computational Methods in Engineering
– module transition -

- passed modules stay passed
- e.g. FEM 1 and 2, Data Mining will be transferred to general studies
- a list with module transfer will be published online beginning of the winter semester
- Special office hours in August 20th to 23rd from 11a.m. to 12p.m.
Thank you for your attention!