

Restructuring of the CME programme

beginning in WS 2019/20



Nadja Pierau and Jessica Kitte
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!
<u>M. Sc. Computational Methods in Engineering</u>	<u>(CME)</u>
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

1.	Compulsory Modules 22 CP		Elective- / Integration Modules 8 CP	30
2.	Compulsory Modules 12 CP	Elective M 6 CP	(interdisziplinäre) Project 12 CP	30
3.	Mobility Window/Practice semester Elective Modules 30 CP			30
4.	Elective Modules 6 CP	Master Thesis 24 CP		30

	Compulsory Modules (Core Studies) = 34 LP		General Studies
	Elective Modules (Core Studies) \geq 20 LP		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 your 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!