

Master's Thesis Simulation Sciences







Vera Kleber Aachen, February 5, 2013







Goal of a Master's thesis:

Demonstrate that you are able to

- work on a project independently and successfully
- within a given time period (6 months)

The Master's thesis comprises

- a written report (thesis)
- and a colloquium









Some rules:

CP for registration: minimum 75 CP

of thesis standard 90 CP

Time frame: minimum 3 months

maximum 6 months (primary goal)

Language: English

Length: about 80 pages (without attachments)

Template: being developed

contact: Marc-André Hermanns,

m.a.hermanns@grs-sim.de







Some rules:

- Potential providers of a Master's thesis:
 - a) RWTH professors of faculties 1, 4, 5, 6, 10
 - b) FZJ professors
 - c) externals (requires approval by examination board and co-supervision of a) or b))
- Potential providers of a Master's thesis (co-supervisors) are usually also examiners.

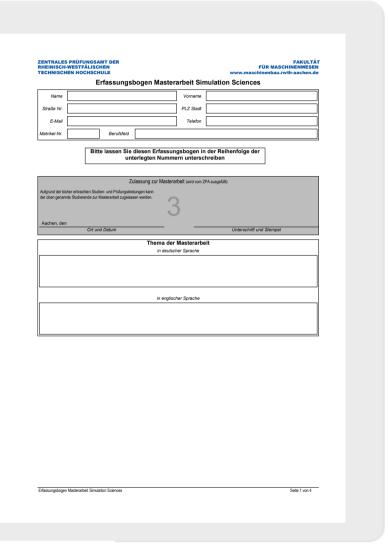






Registration procedure:

- Get registration form (GRS student office – Elisabeth)
- Fill form
- Get signature from
 - examiner and
 - supervisor
- Submit form to GRS student office









Earliest date for submitting the thesis: Examiner's signature date plus 3 months

Latest date for submitting the thesis: Examiner's signature date plus 6 months

Submission procedure:

- Bring 2 copies of thesis to ZPA (Ms Kuck)
- Get thesis submission registered
- Bring registration form to examiner (examiner and supervisor fill grade and send form back to ZPA)

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Master's colloquium

Goal of the Master's colloquium:

Demonstrate that you are able to

- Discuss your thesis subject with examiners and audience
- Answer questions about the subject
- Defend your approach to the subject

The Master's colloquium comprises

• a talk about your thesis about 30 min (30-90 min)

• and the defense of your thesis about 15 min (15-45 min)

Please let us know the details of your colloquium (date, title) in order to announce it!







Recommendations & GRS Rules

- Start soon to search for a Master's thesis
- If you found a thesis, don't wait too long with the registration.
 A Master's thesis needs to be designed such that you are able to finish in 6 months.
- Let us (Elisabeth) know if you would like to have a study plan discussion this semester.
- In any case send an email to your scientific supervisor, Elisabeth and me with your Master's thesis plans until latest

April 30, 2013

specifying the supervisor, the tentative title, the registration date.







Where to find more information

Webpage www.grs-sim.de

- Module handbook

Internal webpage www.grs-sim.de/students

- collection of information and documents
- early phase: comments / wishes welcome

Campus http://www.campus.rwth-aachen.de/rwth/all/groups.asp

- course catalogue RWTH
- campusOffice (individual login, organizer)

Personal contact (lecturers, advisors, ...)







Final grade

• Final grade =
$$\frac{\Sigma(CP_i * grade_i)}{\Sigma CP_i}$$

- Worst weighted grade will be ignored in final grade if all modules have been taken in regular time* (grade of Master's thesis cannot be ignored)
- With distinction if
 - grade of Master's thesis = 1.0
 - weighted average of other exams ≤ 1.3





^{* 4} semesters, including Master's thesis