

Course Manual FS

Research Seminar

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– General information

Long name	Research Seminar
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Approving CModule	FS_MaET
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Responsible	Prof. Dr. Jens Onno Krah Professor Fakultät IME
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Valid from	summer semester 2021
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Level	Master
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Semester in the year	every semester
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Duration	Semester
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Hours in self-study	282
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ECTS	10
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Professors	alle Dozenten
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Requirements	Since the professional orientation of the seminar takes place in coordination with the supervising lecturer, the competence "scientific working" is rather to be brought along as a prerequisite, which is already trained in Bachelor's thesis. A further prerequisite is that the student is able to become familiar with the topics independently.
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Literature

Final exam

Details

The student works on the answer of the scientific question by literature search, production of a project plan, planning, execution and evaluation of experiments. The current status of the work is to be presented and defended in the scientific discourse three times during each semester in a seminar plus at the end in the form of a poster. 50% of the presentation and defence will be included in the overall evaluation.

Finally, the work steps are documented in the form of a scientific essay, 50% of which is also included in the evaluation.

Language

German, English if
necessary

Separate final exam

Yes

Minimum standard

1) Placement in the thematic context has been done cleanly 2) A clear red thread can be seen, even in the case of a scientifically negative result. It is important that the chain of argumentation justifies why which work step was carried out. 3) The supervisor recognizes both points concretely in discussions in the laboratory, in presentation and defense of the work as well as in the final scientific essay. Of course, the highest mark can also be achieved in the case of a negative result, in case a correspondingly structured working method is used and presentation, defence and documentation are excellent.

Exam Type

EN schriftlicher
Ergebnisbericht

– Lecture / Exercises

Learning goals

Goal type	Description
Skills	In the seminar and at the poster presentation the student presents and defends his work. The discussion and discourse in the subject as a skill of the candidate is thus achieved.
Knowledge	Independent research on the scientific question leads to a high increase in knowledge, also to the right and left of the actual core question. In the seminar and on the poster presentation the student learns about other scientific questions.

Expenditure classroom teaching

Type	Attendance (h/Wk.)
Seminar	1
Tutorial (voluntary)	0

Special requirements

ja (Abschlussdokumentation/Aufsatz auf englisch)

Accompanying material undefined

Separate exam No