

Course Manual BAA

Bachelor Thesis

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– General information

Long name	Bachelor Thesis
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Approving CModule	BAA_BaTIN
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Responsible	Studiengangsleiter(in) Bachelor Technische Informatik
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Valid from	winter semester 2023/24
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Level	Bachelor
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Semester in the year	every semester
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Duration	Semester
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Hours in self-study	360
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ECTS	12
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Professors	alle Dozenten
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Literature

Die benötigte Literatur ergibt sich aus dem Konatext der konkreten Aufgabenstellung.

Final exam

Details

After specifying a task in the field of computer science and related engineering sciences, the task will be substantiated and the necessary literature research will be carried out. After independent training in the necessary methods the individual task is solved. The result of the work is presented in writing the bachelor thesis in the form of a scientific elaboration.

Requirements

The spectrum of concrete tasks covers the entire subject of computer science and related engineering sciences. For this reason, all competencies conveyed in the preceding course of studies are potentially necessary and can only be limited individually by the specific task. However, all bachelor theses have in common that they are treated as project. The planning of this project is obligatory, so that the contents of the module IT project management can be regarded as compelling competence for all Bachelortheses.

Language

German, English if necessary

Separate final exam

Yes

Minimum standard

The provided work should be considered sufficient in respect to a potential project work in the labor market. It is also important here that this work was provided independently and that one's own performance was clearly separated from the works of others used to solve the problem.

Exam Type

EN Abschlussarbeit

– Lecture / Exercises

Learning goals

Goal type	Description
Skills	<p>The students are able to use the practical and theoretical knowledge acquired during their studies independently to solve problems.</p> <p>The students are able to present the given task, the chosen solution, the other possible solution alternatives as well as the technical basics clearly and comprehensibly in written form. They use state of the art tools, standards and methods.</p> <p>The development of an actual solution to a problem in computer science or engineering always means the ability to think in systems. For a typical solution, whole or partial systems have to be analyzed, designed, implemented, tested and documented.</p>

Special requirements

These are specific to respective task.

Accompanying material	Accompanying materials are specific to respective task.
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Separate exam	No
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Expenditure classroom teaching

Type	Attendance (h/Wk.)
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