

# Course

## WEB3 - Web project

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### ^ General information

<b>Long name</b>	Web project
<b>Approving CModule</b>	<a href="#">WEB3_BaMT</a>
<b>Responsible</b>	NN Lehrbeauftragter
<b>Level</b>	Bachelor
<b>Semester in the year</b>	summer semester
<b>Duration</b>	Semester
<b>Hours in self-study</b>	162
<b>ECTS</b>	6
<b>Professors</b>	Prof. Dr.-Ing. Luigi Lo Iacono ehemaliger Professor Fakultät IME
<b>Requirements</b>	<ul style="list-style-type: none"><li>- Knowledge and competence in the development of computer programs and in the handling of a programming language (e.g. Java, Python or Go) as well as common development tools (e.g. IDE) are required.</li><li>- Knowledge and skills in relation to basic algorithms (sorting, searching) and data structures (lists, sets, maps) are required.</li><li>- Knowledge and skills in IP-based computer networks and in the handling of HTTP are required.</li><li>- Knowledge and skills in the analysis, design, implementation, evaluation and operation of web-based backend systems/components are required.</li><li>- Knowledge and skills in the analysis, design, implementation, evaluation and operation of web-based frontend systems/components are required.</li></ul>
<b>Language</b>	English

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## ^ Project

### Learning goals

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#### Knowledge

- analyse and structure tasks in the environment of web-based developments in a team, assign relevant standards and transfer them to system designs
  - analyze web-based system in a team using suitable tools and present results in a comprehensible way
  - planning and setting up a web-based system in a team
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#### Skills

- implement a web-based system in the team
- analyze a web-based system in a team using suitable tools and present results in a comprehensible way
- planning and setting up a web-based system in a team
- assess and analyze the performance of the developed web-based system in the team
- derive information from original English sources and standards
- time management
- Project work in a team

### Expenditure classroom teaching

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

### Separate exam

#### Exam Type

working on projects assignment with your team e.g. in a lab)

#### Details

The progress of the project as well as the project results will be presented by the team in several appointments. In addition, a written documentation of the project has to be provided.

The project result itself is evaluated with regard to its complexity and target fulfilment as well as professionalism in planning, implementation and result.

#### Minimum standard

- project planning documents
- presentations on the progress of the project
- demonstration of the running web system
- written documentation of the project
- delivery of the developed source texts and development artifacts of the web system