### Module title

**Practical course in software**

**Abbreviation**

10-I-SWP-152-m01

### Module coordinator

- **Dean of Studies Informatik (Computer Science)**

### Module offered by

- **Institute of Computer Science**

### ECTS

| 10 |

### Method of grading

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<th>(not) successfully completed</th>
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### Only after succ. compl. of module(s)

- 10-I-PP, 10-I-ST

### Duration

| 1 semester |

### Module level

- undergradate

### Other prerequisites

In addition, the knowledge and skills acquired in module 10-I-ADS are required. Prior attendance of this module is therefore highly recommended.

### Contents

Completion of a project assignment in groups, problem analysis, creation of requirements specifications, specification of solution components (e.g., UML) and milestones, user manual, programming documentation, presentation and delivery of the runnable software product in a colloquium.

### Intended learning outcomes

The students possess the practical skills for the design, development and execution of a software project in small teams.

### Courses

| P (6) |

### Method of assessment

- practical project (Completion of a larger software project in groups (approx. 300 hours per person) and final presentation (approx. 10 minutes per group)

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

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### Module appears in

- Bachelor’ degree (1 major) Computer Science (2015)
- Bachelor’ degree (1 major) Mathematics (2015)
- Bachelor’ degree (1 major) Computational Mathematics (2015)
- First state examination for the teaching degree Gymnasium Computer Science (2015)
- Bachelor’ degree (1 major) Computer Science (2017)
- Bachelor’ degree (1 major) Computer Science (2019)