**Module title**: Practical course in software

**Abbreviation**: 10-I-SWP-141-m01

**Module coordinator**: Dean of Studies Informatik (Computer Science)

**Module offered by**: Institute of Computer Science

**ECTS**: 10

**Method of grading**: Only after succ. compl. of module(s)

- (not) successfully completed: 10-I-PP, 10-I-STV

**Duration**: 1 semester

**Module level**: undergraduate

**Other prerequisites**: The learning outcomes of modules 10-I-ADSV, 10-I-ADST, 10-I-SST are required. Prior completion of these modules is 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** (type, number of weekly contact hours, language — if other than German)

- P (no information on SWS (weekly contact hours) and course language available)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

- 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 (2014)
- Bachelor' degree (1 major) Mathematics (2014)
- Bachelor' degree (1 major) Computational Mathematics (2014)