Module Overview M. Sc. Distributed Software Systems (8 Semesters)

Degree Programme Guidelines as per 01.10.2015, Version 01.04.2016

The degree programme consists of 120 Credit Points (CP) in total:

- **Elective areas:** **90 CP**
- **Master's Thesis:** **30 CP**

Language of Tuition:
ENGLISH
certificates required

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This leads to the following *possible* part-time semester course schedule:

1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester	8. Semester
Elective area Distributed Systems Lectures and exercises or integrated teaching events, the stated teaching events are examples from the corresponding catalogues. e.g. TK1: Distributed Systems and Algorithms; Middleware; Event Processing – Addon Project ... **(18 - 42 CP)**						**Master's Thesis** **(30 CP)**	
Elective area Computer Networking and Systems Software Lectures and exercises or integrated teaching events, the stated teaching events are examples from the corresponding catalogues. e.g. Resilient Networks; Communication Networks I; Database Systems II ... **(18 - 42 CP)**							
Elective area Formal Methods, Programming Languages and Software Engineering Lectures and exercises or integrated teaching events, the stated teaching events are examples from the corresponding catalogues. e.g. Formal Methods for Information Security; Concepts of Programming Languages; Software Engineering – Design and Construction .. **(18 - 42 CP)**							
Elective area course-related achievements Selection of courses from the catalogues of the M.Sc. Distributed Software Systems - on seminars (min. 1, max. 2) - on internships in science (max. 1) - on the internships, project internships and similiar events (min. 1) **(12 - 15 CP)**							
Ø 15 CP	**Ø 15 CP**	**Ø 15 CP**	**Ø 15 CP**	**Ø 15 CP**	**Ø 15 CP**	**Ø 15 CP**	**Ø 15 CP**