

# **Master Computer Science**

# Reorganization Master

- 4 Areas replaced by 5 Focus Areas:
  1. Software Engineering
  2. Algorithm Design
  3. Networks & Communication
  4. Computer Systems
  5. Intelligence & Data
- one of the Focus Areas has to be chosen as Specialization
- Master's Thesis must be in Specialization, project groups are independent from Specialization
- Rules for Specialization and remaining Focus Areas
  - At least three modules have to be taken in the Specialization
  - At least one module has to be taken in an area different from the Specialization
  - no restrictions for the other (4) modules

# Details

- Each module corresponds to a single course with 6 LP (3 hours Lecutere, 2 hours Tutorials)
- Altogether 8 module
- Project group: 20 LP, seminar not necessarily part of PG
- Rules for seminar: 2 seminars, each 5 LP
- A seminar can, but need not, be prerequisite for PG
- Rules for Master's thesis, general studies and (optional) minor do not change.

# Structure

Curriculum Computer Science Master (exemplary)					
1. Semester	Module I (6)	Module II (6)	Module III (6)	Module VI (6)	Module V (6)
2. Semester	Project group (20 LP)	Module VI (6)		Seminar I (5)	SG/Minor (9)
3. Semester		Module VII (6)	Module VIII (6)	Seminar II(5)	SG/Minor (3)
4. Semester	Master's thesis (30 LP)				

# Launching

- Starting in winter term 2017/18 courses, seminars and project groups will be offered according to the new structure.

# Master – old and new

Currently	Starting winter term 17/18
3 modules each 2 courses (at 4 LP) in specialization, at least one with seminar (overall 24 LP)	3 modules each 1 course (at 6 LP) in specialization (overall 18 LP)
3 modules each 2 courses (at 4 LP) in each of the remaining three areas (24 LP)	1 module, i.e. 1 course (6 LP), in an FA different from the specialization
	4 additional modules each 1 course (at 6 LP) in arbitrary FAs (24 LP)
On module outside the specialization may contain an additional seminar	2 modules, each 1 seminar (at 5 LP) (overall 10 LP)
Project group with 30 LP	Project group with 20 LP
Minor or general studie studies with 12 LP	
Master's thesis with 30 LP	

# Master – Staying in the old version

- Every new module will be integrated into at least one of the old areas.
- **To complete an old course in the new system you only take 2/3 of a new course.**
- Oral exams (module exams) stay as they are
- Seminars and type B exams stay as they are, but seminars account for 4 LP
- New PGs account for 30 LP

# Master – change to the new version

- Changing will be attractive
- For some time, the rule that the master's thesis must be in the specialization area will not be enforced strictly



# Master – switching to new version

- Each old module without seminar (8 LP) accounts for two new modules
- Grades of the old module become grades of the new modules
- Hence, 4 old modules account for the obligatory new 8 modules
- Old seminars account for new seminars