Faculty of Engineering

Albert-Ludwigs-Universität, University of Freiburg

Master of Science in Computer Science

Examination regulations version 2020

example for study plan sorted by modules

sem	modules/courses		PL SL	hours/week L	E	S	Pr	ECTS	total
advanced lectures (1 or 2 courses)								**6 or 12**	
1-2	**advanced lecture 1**		SL+PL	3	1	0	0	6	
1-3	**advanced lecture 2**	**elective**	SL+PL	3	1	0	0	6	
specialization courses (6 or 5 courses)								**36 or 30**	
1-3	**specialization course 1**		(SL+)PL	3	1	0	0	6	
1-3	**specialization course 2**		(SL+)PL	3	1	0	0	6	
1-3	**specialization course 3**		(SL+)PL	3	1	0	0	6	
1-3	**specialization course 4**		(SL+)PL	3	1	0	0	6	
1-3	**specialization course 5**		(SL+)PL	3	1	0	0	6	
1-3	**specialization course 6**	**elective**	(SL+)PL	3	1	0	0	6	
seminars									**6**
1-3	**seminar 1**	**seminar**	PL	0	0	2	0	3	
1-3	**seminar 2**	**seminar**	PL	0	0	2	0	3	
lab course									**6**
1-3	**lab course**	**lab course**	SL	0	0	0	4	6	
study project									**18**
3	**project**	**project**	SL+PL	0	0	0	x	18	
customized course selection									**18**
1-4	**elective courses from subjects other than Computer Science**	**electives from other subjects**	SL	x	x	x	x	18, at least 12	
1-4	**advanced lecture or specialization lecture**	**can replace 6 ECTS from other subjects**	PL	3	1	0	0	6	
master module									**30**
4	**master thesis**	**-**	PL	0	0	0	x	27	
4	**master colloquium**	**presentation**	PL	0	0	2	0	3	

legend:

PL = graded assessment , SL= pass/fail assessment, L=Lecture, E=Exercises, S=Seminar, Pr=Project or Lab course

X=unknown / not defined / depends on subject

CONDITIONS:

A total of 7 lectures must be completed:
either 1 advanced lecture + 6 specialization courses
or 2 advanced lectures + 5 specialization courses

In the module customized course selection ("Individuelle Studiengestaltung"),
elective courses from other subjects worth 18 ECTS have to be completed;
this entire area consists of SL (pass or fail assessments).
Please note: It is not possible to complete more courses
than are required to achieve the 18 ECTS points.
6 ECTS points in this area can be gained through another computer science lecture
(advanced lecture or specialization course). In that case,
this lecture is regularly included in the final grade as a PL (exam) with 6 ECTS.

Optional specialization possible in one of two areas
ARTIFICIAL INTELLIGENCE or CYBER-PHYSICAL-SYSTEMS:
at least 4 lectures,
the study project and
the Thesis
must come from the corresponding area of specialization.

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