

**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
<b>advanced lectures (1 or 2 courses)</b>					<b>6 or 12</b>
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
<b>specialization lectures (6 or 5 courses)</b>					<b>36 or 30</b>
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
<b>seminars</b>					<b>6</b>
1-3	seminar 1	seminar	PL	0 0 2 0	3
1-3	seminar 2	seminar	PL	0 0 2 0	3
<b>lab course</b>					<b>6</b>
1-3	lab course	lab course	SL	0 0 0 4	6
<b>study project</b>					<b>18</b>
3	project	project	SL+PL	0 0 0 x	18
<b>personal profile ("Individuelle Studienges</b>					<b>18</b>
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
<b>master module</b>					<b>30</b>
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 lectures  
or 2 advanced lectures + 5 specialization lectures**

**In the module personal profile ("Individuelle Studiengestaltung"),  
elective courses from other subjects worth 18 ECTS have to be completed;  
this entire area consists of SL (pass or fail performances).**

**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 lecture)  
this is then 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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