

# Module Overview B.Sc. Cognitive Science (12 Semesters)

Degree Programm Guidelines as per 1.10.2019, Version 01.10.2019

The degree programm consists of 180 Credit Points (CP):

<b>Mandatory Subject Area:</b>	124 CP	<span style="color: blue;">■</span>
‣ <b>Lab:</b>	17 CP	<span style="color: yellow;">■</span>
<b>Elective Subject Area:</b>	44 CP	<span style="color: green;">■</span>
‣ <b>Interdisciplinary Elective Area:</b>	14 CP	<span style="color: purple;">■</span>
<b>Thesis:</b>	12 CP	<span style="color: orange;">■</span>

Language of Tuition:

**GERMAN**

*Certificates required*



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

Full-time Semester		Part-time Semester			
1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester
Foundations of Cognitive Science (6 CP)	Cognitive Science I: Perception (6 CP)	Mathematics I (for Computer Science) (9 CP)	Mathematics II (for Computer Science) (9 CP)	Cognitive Science II: Cognition (6 CP)	Cognitive Science III: Action (6 CP)
Functional and Object-oriented Programming Concepts (10 CP)	Algorithms and Data Structures (10 CP)	Introduction to Linguistics (5 CP)	Philosophy for Cognitive Sciences (5 CP)	Statistics I (for Cognitive Science) (6 CP)	Statistical Modeling for Cognitive Science (6 CP)
				Basics of Cell Biology (3 CP)	Introduction to Neurobiology (3 CP)
		30 Proband hours			
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP

Part-time Semester					
7. Semester	8. Semester	9. Semester	10. Semester	11. Semester	12. Semester
Software Engineering (5 CP)	Psychology Lab for Cognitive Science (8 CP)	Psych IT Lab Part I - Practical Lab for Bachelors & Project Management (9 CP)			Bachelor's Thesis incl. Bachelor's Thesis Defense (12 CP)
Introduction to Artificial Intelligence (5 CP)	Elective Subject Area Artificial Intelligence (6 CP)	Elective Subject Area Psychology (6 - 8 CP)			
		Interdisciplinary Elective Area (14 CP)			
Movement Science (6 CP)		Elective Subject Area Cognitive Science (16 - 18 CP)			
30 Proband hours (1 CP)					
Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP	Ø 15 CP