

## Module overview M.Sc. Synthetic Biology - 7 Semesters

Degree Programme Guidelines as per 01.10.2023, Version: 01.10.2023 (SB2023II)

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

<b>Compulsory Area:</b>	75 CP	<span style="color: #00AEEF;">■</span>
- Including Research Internship:	15 CP	<span style="color: #FFD700;">■</span>
- Including Interdisciplinary Elective Area:	5 CP	<span style="color: #E67E9A;">■</span>
<b>Elective Area:</b>	15 CP	<span style="color: #90EE90;">■</span>
<b>Master's Thesis and Colloquium:</b>	30 CP	<span style="color: #FF8C00;">■</span>



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

Full-time	Part-time					
1. Semester	2. Semester	3. Semester	4. Semester	5. Semester	6. Semester	7. Semester
Basics in Synthetic Biology (15 CP)	DNA-focused Synthetic Biology (6 CP)	RNA Synthetic Biology (6 CP)	Advanced Design Projects for Synthetic Biology (6 CP)	Research Internship (15 CP)	Master's Thesis and Colloquium (30 CP)	
Intercultural Skills and Project Management (5 CP)		Applied computational modeling and analysis (6 CP)				
Current Synthetic Biology (5 CP)	Interdisciplinary Courses or Intercultural and Project Mentoring (5 CP)					
Science Communication and Bioethic/Biosecurity (6 CP)	Elective Area - Catalogue Biology (3-12 CP)					
	Elective Area - Catalogue Engineering (3-12 CP)					
31 CP	Ø 14 CP	Ø 15 CP	Ø 15 CP	15 CP	15 CP	15 CP