

Module overview M.Sc. Synthetic Biology - 5 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:

Compulsory Area:	75 CP	■
- Including Research Internship:	15 CP	■
- Including Interdisciplinary Elective Area:	5 CP	■
Elective Area:	15 CP	■
Master's Thesis and Colloquium:	30 CP	■



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

Full-time	Part-time			
1. Semester	2. Semester	3. Semester	4. Semester	5. Semester
Basics in Synthetic Biology (15 CP)	DNA-focused Synthetic Biology (6 CP)	RNA Synthetic Biology (6 CP)	Master's Thesis and Colloquium (30 CP)	
Intercultural Skills and Project Management (5 CP)	Advanced Design Projects for Synthetic Biology (6 CP)	Applied computational modeling and analysis (6 CP)		
Current Synthetic Biology (5 CP)	Interdisciplinary Courses or Intercultural and Project Mentoring (5 CP)		Research Internship (15 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 23 CP	Ø 21 CP	22 CP	23 CP