

**Faculty of Biology – Master Modules  
Academic Year 2025/26**

18.03.2026

Module offer for the upcoming summer term will be updated in March.

<p><b>Summer semester 2026</b></p> <p>Block I 27.04. - 22.05.2026          Block II 01.06. - 26.06.2026          Block III 29.06 - 24.07.2026          Block IV: individual dates</p>
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**Block I**

Module title	Language	ECTS
<a href="#">Microbial carbon metabolism</a>	optional german /english	6
Molecular BioEngineering	optional german /english	6
<a href="#">The social life of mammals</a>	optional german /english	6
<a href="#">Genome Editing In Plants</a>	english	6

**Block II**

Module title	Language	ECTS
<a href="#">Biodiversität und Ökologie der Tiere</a>	german	6
<a href="#">Evolutionary Protein Engineering</a>	english	6
<a href="#">FROM FAKE TO FACT – Experimental design and data analysis in behavioural research</a>	optional german /english	6
<a href="#">Mitochondrial function in health, aging and neuro-degenerative disease</a>	english	6
<a href="#">Modeling of biological systems</a>	english	6

### Block III

Module title	Language	ECTS
<a href="#">Computational analysis of transcriptomes and proteomes</a>	english	6
<a href="#">Concepts and current topics in behavioral ecology</a> With excursion	english	6
<a href="#">Experimental Ecology</a>	english	6
<a href="#">Molecular Phytopathology</a>	optional german /english	6
<a href="#">Plant organismic interactions</a>	optional german /english	6
<a href="#">Professionelle Karriereplanung in den Lebenswissenschaften</a>	german	6
<a href="#">Taxonomie der Bakterien</a>	german	6

### Block IV

Module title	Date	Language	ECTS
<a href="#">Advanced Biosensing A/B</a>	4 weeks, according to prior agreement	optional german /english	6
Bioanalytics	4 weeks, according to prior agreement	optional german /english	6
<a href="#">Biodiversity of Inland Waters</a>	27.07 -21.08.2026	english	6
<a href="#">Biologie des Wattenmeeres</a> With excursion	Lecture throughout the semester (Tuesday 18:15), 31.08-12.09.2026	german	6
<a href="#">Drosophila behavioral genetics</a>	4 weeks, according to prior agreement	optional german /english	6
<a href="#">Fermentative production of biotechnological products</a>	3.08.-28.08.2026	english	6
<a href="#">Marines Plankton</a> With excursion	Lecture throughout the semester (Tuesday 18:15), 04.07. - 17.07.2026	german	6
<a href="#">Mediterranean Fauna</a> With excursion	01.06.-26.06.2026, 10-18; Excursion Giglio: 13.06-23.06.2026	english	6
<a href="#">Molecular and genetic analysis of the circadian clock in Drosophila melanogaster</a>	4 weeks, according to prior agreement	optional german /english	6
<a href="#">Molecular Evolutionary Biology of Social Insects</a>	4 weeks, according to prior agreement	english	6

<a href="#"><u>Molecular Physiology</u></a>	4 weeks, according to prior agreement	optional german /english	6
<a href="#"><u>Ökologie des Wattenmeeres</u></a> With excursion	Lecture throughout the semester (Tuesday 18:15), 27.07.2026 - 08.08.2026	german	6
<a href="#"><u>Quantitative Cell Analysis using fluorescent biosensors</u></a>	4 weeks, according to prior agreement	english	6
<a href="#"><u>Plant Molecular Genetics and Cell Biology</u></a>	4 weeks, according to prior agreement	optional german /english	6