

Faculty of Biology – Undergraduate Modules (Bachelor) Third Year Modules (Vertiefungsmodule) winter semester 2026/27

13.07.2026

Module offer for the upcoming winter semester will be updated in July.

Time period I: 26.10.26 - 18.12.26
Time period II: 04.01.27 - 26.02.26

Third Year Modules (Bachelor) Time period I

Title	Language	ECTS
<u>Animal Evolutionary Ecology</u> (19.10.2026 - 11.12.2026) with excursion 24.10.2026 - 1.11.2026 (200 €)	english	12
<u>Cell biology: Cloning, Cell Culture and Fluorescence Microscopy</u>	optional german /english	12
<u>Grundlegende Aspekte der pflanzlichen Biotechnologie</u>	german	12
<u>Methods of molecular microbiology and biotechnology</u>	optional german /english	12
<u>Molecular Engineering & Biosensing</u>	optional german /english	12
<u>Molecular genetics and biochemistry in model systems of neurobiology</u>	optional german /english	12
<u>Tierphysiologie</u>	german	12
<u>Verhaltensbiologie</u>	german	12

Third Year Modules (Bachelor) Time period II

Title	Language	ECTS
<u>Behavioural Ecology</u>	optional german /english	12
<u>Biochemistry</u>	optional german /english	12
<u>Biochemistry and physiology of plants</u>	english	12
<u>Energiestoffwechsel I</u>	german	12
<u>Genetic engineering in yeast: Exploring Lipid Metabolism</u>	optional german /english	12
<u>Molecular genetics and cell biology</u>	optional german /english	12
<u>Molecular physiology, biochemistry and biotechnology of microalgae</u>	optional german /english	12
<u>Ökologie aquatischer Systeme</u>	german	12
<u>Physiologie der Mikroorganismen</u>	german	12
<u>Plant Evolutionary Biology and Development</u>	optional german /english	12