Modules M.Sc. Biology

	NR	Module	Teaching staff	Winter Semester		Semester break	Summer Semester		Semester break
				1. Half	2. Half		1. Half	2. Half	
	(neu900)	**Optional lab introduction course**		**no credits**					
Background Modules	bio703	Basic Concepts in Plant Sciences	Zotz, Albach, von Hagen, Will	**12 CP**					
	bio655	Ornithology in theoretical Concepts	Liedvogel, Bouwhuis, Köppl, Langemann, Mouritsen, Schmaljohann	**12 CP**					
	bio733	Evolutionary Population Genetics	Gerlach, Albach, Khan	**6 CP**					
	bio736	Evolutionary Transcriptomics	Nolte, Dennenmoser		**6 CP**				
	bio845	Development & Evolution	Sienknecht, Claußen	**6 CP**					
	bio846	Lab Exercises in Development & Evolution	Sienknecht, Claußen, Ebbers		**6 CP**				
	bio605	Molecular Genetics & Cell Biology	Neidhardt, Koch	**12 CP**					
	bio765	Current Methods in Plant Sciences - Ecology, Phylogeny and Molecular Biology	Albach, Zotz, Will, Khan, von Hagen		**12 CP**				
	bio720	Marine Biodiversity	Martinez Arbizu		**15 CP**				
	bio695	Biochem. Conc. in Signal Transduct.	Koch, Scholten		**12 CP**				
	neu210	Neurosensory Science & Behaviour	Langemann, Mouritsen, Albert, Clemens, Klump		**9 CP**				
	neu220	Neurocognition & Psychopharmacology	Thiel, Gießing		**6 CP**				
	bio675	Molecular Ecology	Nolte, Gerlach				**12 CP**		
	neu141	Visual Neuroscience: Physiology & Anatomy	Greschner, Dedek, Dömer, Ahlers				**12 CP**		
	bio663	Ornithology in Practice	Liedvogel, Bouwhuis, Langemann, Vedder, Moiron, Schmaljohann				**12 CP**		
	psy270	Functional MRI Data Analysis	Gießing, Thiel				**9 CP**		
	neu380	Neuroethology and Neurogenetics: Insect Models	Albert, Clemens				**6 CP**		
	bio773	Sequence based Biomonitoring	Nolte, Dennenmoser, Martinez, Albach					**12 CP**	
	neu360	Auditory Neuroscience	Köppl, Klump					**6 CP**	
	neu340	Invertebrate Neuroscience - Neurophysiology	Kretzberg					**6 CP**	
	neu310	Psychophysics of Hearing	Beutelmann					**12 CP**	
	bio860	Comparative Developmental Biology	Sienknecht						**6 CP**
	bio770	Field Methods in Organismal Biology	Zotz, Gerlach, Albach, Nolte, Mouritsen, von Hagen						**15 CP**
	bio780	Biodiversity of Littoral Communities	Martinez-Arbizu						**15 CP**
Skills Modules	bio870	Communicating Biology	Zotz, Albach, Schmaljohann, Nolte, Will	**6 CP**					
	bio880	Plant Diversity	Albach, von Hagen	**6 CP**					
	bio777	Objekte in wissenschaftl. Sammlungen: Konserv., Management & Forschungsfragen	Will	**6 CP**					
	neu790	Communicating Neuroscience	Kretzberg, Köppl	**3 CP**					
	bio890	Current Topics in Biology*	Gerlach, teaching staff	**3 CP (option 1)**			**3 CP (option 2)**		
	neu730	Biosciences in the Public Eye and in our Laws	Köppl, Sienknecht				**6 CP**		
	neu751	Laboratory Animal Science	Köppl, Langemann			**3 CP opt. 1**	**3 CP opt. 2**		**3 CP opt. 3**
	neu760	Scientific English	Manley, Köppl			**6 CP**			
	neu780	Biological Data Analysis with Python	Winklhofer			**6 CP**			
	neu800	Introduction to Matlab	Gießing			**3 CP**			
	bio783	Object-based research projects in biological collections	Will, Albach	**6 CP flexible timing**					
	neu810	International Meeting Contribution	Kretzberg, Köppl	**3 CP flexible timing**					
	neu820	Neuroscience Journal Club	Mertsch	**3 CP weekly course**					
Research	bio810	External Research Project*	Zotz, teaching staff	**15 CP flexible timing**					
	bio900	Biology Research Module*	Zotz, teaching staff	**15 CP flexible timing**					
	mam	Master Thesis Module	teaching staff	**30 CP flexible timing**					

*multiple registration possible

For official regulations see https://uol.de/studium/pruefungen and www.uol.de/amtliche-mitteilungen

CARL VON OSSIETZKY universität OLDENBURG

Program requirements:

- 30 CP Master Thesis Module
- 24 CP Background Modules
- 15 CP Research Modules
- 21 CP any further module(s) from Biology curriculum
- 30 CP free choice:

any further Biology Module(s) or (subject to approval) Course(s) from other M.Sc. programs, from other universities, or from abroad.

Master Thesis Module and bio900 offer several project options.

bio900 is mandatory in combination with external master thesis.

Modules with shared course components, similar content or previous versions (see list) cannot be credited twice.

block courses

weekly courses / irregular meetings

Status: 09/2023