



Developmental, Neural, and Behavioral Biology

MSc/PhD Program in Göttingen, Germany

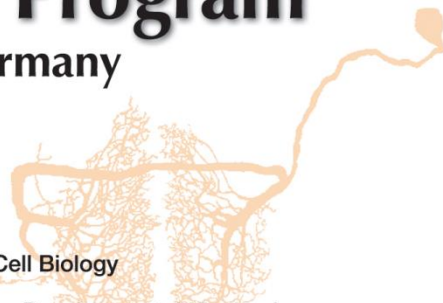
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- Cell Biology
 - Developmental Mechanisms
 - Molecular Neurobiology
 - Systems Neurosciences
 - Behavioral Ecology
 - Animal Cognition



Foto: Drosophila, Jürgen Berger, Max-Planck-Institut für Entwicklungsbiologie

Deadline for your application is May 15th
Start of the program is October 1st
www.biologie.uni-goettingen.de/msc_dnb

GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN



Core Modules – Fachmodule



core modules (12 C)

5 week block courses

Developmental and Cell Biology			Neurobiology		Behavioral Biology			Bioinformatics	
M.Bio.303	M.Bio.321	M.Bio.322	M.Bio.304	M.Bio.305	M.Bio.306	M.Bio.307	M.Bio.308	M.Bio.310	M.Bio.323
<i>Cell Biology</i>	<i>Current developmental biology</i>	<i>Frontiers in neural development</i>	<i>Neurobiology 1</i>	<i>Neurobiology 2</i>	<i>Introduction to behavioral biology</i>	<i>Behavioral biology</i>	<i>Social behavior and communication</i>	<i>Systems biology</i>	<i>Introduction to Bayesian Statistics and Information Theory</i>
lecture + seminar + methods course	lecture + seminar + methods course	lecture + seminar + methods course	lecture + methods course	lecture + methods course	lecture + seminar + methods course	lecture + seminar + methods course	lecture + seminar + methods course	lecture + seminar + practical training	lecture + seminar + practical training
winter term	winter term	summer term	winter term	summer term	winter term	summer term	summer term	summer term	winter term

Blockstruktur

Modullage in den Semestern



	Block 1	Block 2	Block 3
period	21.10. - 22.11.2024	25.11.2024 - 10.01.2025 (christmas break 23.12.24 - 03.01.25)	13.01. - 14.02.2025
winter term	M.Bio.303: Cellbiology	M.Bio.304: Neurobiology 1	M.Bio.306: Introduction to behavioral biology
	M.Bio.323: Introduction to Bayesian Statistics		M.Bio.321: Current Developmental biology

period	14.04. - 16.05.2025	19.05. - 20.06.2025	23.6. - 25.07.2025
summer term	M.Bio.305: Neurobiology 2	M.Bio.322: Frontiers in Neural Development	M.Bio.307: Behavioral biology
		M.Bio.308: Social behavior and communication	
	**M.Bio.310: Systems biology (during lecture period only)		

** The practical part can be organized individually with advisor, continuous lecture and seminar

Bioinformatics	Developmental and Cell Biology	Neurobiology	Behavioral Biology
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Last update: 28.08.2024

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Core Module M.Bio.303 Cell Biology



MPI for Biophysical Chemistry

Cellular Logistics

Prof. Dirk Görlich

Nuclear Architecture

Dr. Volker Cordes

Meiosis

Dr. Melina Schuh

Cytoskeletal Dynamics in Oocytes

Dr. Peter Lenart



Stem Cell Biology

Dr. Rüdiger Behr



**German Primate Center
DPZ**

D

M.Bio.303

Cell Biology

lecture
+ seminar
+ methods
course

winter term

Developmental Biology

Dr. Gerd Vorbrüggen

Prof. Dr. Jan Huisken

**Johann-Friedrich-Blumenbach-Institute
for Zoology and Anthropology**



Core Module M.Bio.321

Current Developmental Biology



Developmental a

M.Bio.321

*Current
developmental
biology*

lecture
+ seminar
+ methods
course

**Tissue Dynamics and
Regeneration**
Prof. Jochen Rink

Genes and Behavior
Prof. Gregor Eichele



MPI for Biophysical Chemistry

Developmental Biology

Prof. Ernst A. Wimmer

Dr. Nico Posnien

Evolutionary Developmental Genetics

Prof. Gregor Bucher

**Johann-Friedrich-Blumenbach-Institute
for Zoology and Anthropology**

Evolution of Metazoa

Prof. Dan Jackson



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winter term	winter term	summer term	winter term	summer term	winter term	summer term	summer term	summer term	winter term



Core Module M.Bio.322

Frontiers in Neural Development

and Cell Biology

M.Bio.322

*Frontiers in
neural
development*

lecture
+ seminar
+ methods
course

summer term



Genes and Behavior
Prof. Gregor Eichele
MPI for Biophysical Chemistry



European Neuroscience Institute



Evolutionary Developmental Genetics

Prof. Gregor Bucher

**Johann-Friedrich-Blumenbach-Institute for
Zoology and Anthropology**

**Molecular
Neurobiology**

Prof. Nils Brose

Neurogenetics

Prof. Klaus Armin Nave

MPI for Experimental Medicine

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MSc Biodiversity, Ecology and Evolution



M.BioDiv.446

Molecular Zoology and Insect Biotechnology



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Evolutionary Developmental Genetics

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