



Developmental, Neural, and Behavioral Biology

MSc/PhD Program in Göttingen, Germany

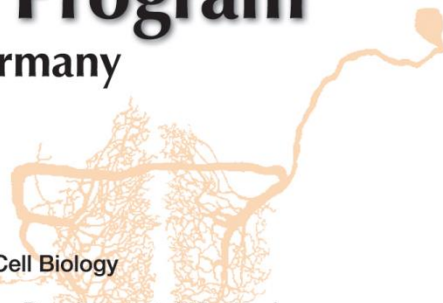
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- Cell Biology
 - Developmental Mechanisms
 - Molecular Neurobiology
 - Systems Neurosciences
 - Behavioral Ecology
 - Animal Cognition



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	26 Oct - 27 Nov 2026	30 Nov 2026 - 15 Jan 2027 (christmas break 28 Dec - 08 Jan)	18 Jan - 19 Feb 2027
winter term	M.Bio.303: Cell Biology	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	12 Apr - 14 May 2027	17 May - 18 Jun 2027	21 Jun - 23 Jul 2027
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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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 Huiskens

**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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Behavioral Biology

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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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Bioinformatics

Developmental and Cell Biology

Neurobiology

Behavioral Biology

MSc Biodiversity, Ecology and Evolution



M.BioDiv.446

Molecular Zoology and Insect Biotechnology



Developmental Biology

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Dr. Nico Posnien

Evolutionary Developmental Genetics

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