

Status: 12/08/2025

Advanced modules (A-Modules) with option of English lectures:

Term	Date	Lecturer	Module title	No.
Winter	17/10/2025- 30/01/2026	Mosig, Hofmann, Sahm	Artificial intelligence in biology (ATTENTION: this module proceeds during the whole winter term always on Mondays and Wednesdays, no 4-week module)	190015
Winter	20/10/2025-14/11/2025	Herlitze, Spoida, Reiner, Jancke, Siveke, Zhu	Neural signals at the level of channel, cell and system	190021
Winter	20/10/2025-14/11/2025	Eltz, Kirchner, Mark, Tollrian, Vos, Weiss, Horstmann	Animal Ecology and Behaviour	190024
Winter	24/11/2025-19/12/2025	Narberhaus, Aktas, Kaimer, J. Tischler	Molecular Microbiology	190061
Winter	24/11/2025-19/12/2025	Krämer, Piotrowski, Wozniak	Molecular biology of plants	190085
Winter	24/11/2025-19/12/2025	Baginsky, Ebert, Agne, Lambertz, Kang, Rautengarten, Rödiger	Fundamental Cell Biology: Transport of biomolecules in cells	190149
Winter	24/11/2025-19/12/2025	Grefen, Nowrousian, Kumari, Zhang, Struß, Heinrich	Molecular cell biology in plants and fungi	190180
Winter	12/01/2025-06/02/2025	Üstün, Gonzales-Fuente	Plant cell Biology meets plant-pathogen interactions: Using microbes to understand the fate of proteins	190064
Winter	09/02/2026-06/03/2026	Störtkuhl	Genetical methods in physiology of senses	190244
Winter	11/02/2026-08/03/2026; Online seminar Wednesday 9-10 am in Nov and Dec 2025	Herlitze, Huhn	Banda Islands: Reef mapping and bioluminescence (diving excursion) First info: August 22, 2025, 3 pm, room 6/56 Application deadline will be announced in this first info meeting! Questions to mareike.huhn@rub.de ; Estimated costs: 2500 €	190247

Status: 12/08/2025

Additional courses/seminars in English language in the winter term:

Course	Corresponding lecturer	ECTS	When? Where?	Registration/further information
Seminar: Scientific Presentations in English (190573)	Prof. Dr. Melanie Mark	3 ECTS	every Wednesday 10 – 11 am; starting on October 15, 2025; Room: ND 6/56b	registration: send an e-mail to Melanie Mark melanie.mark@rub.de
Quantitative Ecology (190539)	Prof. Dr. Matthijs Vos	5 ECTS	by appointment, Room: NDEF 05/747	registration: send an e-mail to Matthijs Vos matthijs.vos@rub.de
Bioinformatics for Molecular and Cellular Structures (190702)	Prof. Dr. Axel Mosig Prof. Dr. Raphael Stoll Prof. Dr. Daniel Todt	5 ECTS	Lectures Fridays 8-10 am, Exercise for lecture: Fridays 10-12 am; starting on October 17, 2025, lecture hall HGA 20	registration via eCampus (search for course 190702) or contact Mr. Mosig (axel.mosig@rub.de) registration deadline: 06/10/2025
Literature seminar on marine biology research topics (190526)	Prof. Dr. Stefan Herlitze Dr. Mareike Huhn Til Böttner	3 ECTS	by appointment on a Wednesday 9 -10.30 am, online via Zoom	registration: send an e-mail to Til Böttner til.boettner@rub.de
Lecture series: Basics of Biotechnology (190522)	different lecturers, coordinator: PD Dr. Markus Piotrowski	3 ECTS for regular attendance + exam (please contact Mr. Piotrowski in the beginning of the course, if you need a grade for the course)	every Wednesday 12-1.30 pm, starting on October 15, 2025, lecture hall ND 2/99	registration: via eCampus (search for 190522) or send an e-mail to Markus Piotrowski (markus.piotrowski@rub.de) registration deadline: 01/09/2025-14/10/2024 Final exam: February 06, 2026, 9 – 10 am, NDEF 06/398
Lecture series: Current topics in Neurobiology (190509), Part 1 (Part 2 in the summer term, 1.5 ECTS)	different lecturers, coordinator Prof. Dr. Andreas Reiner	1.5 ECTS	every Monday 4 – 5 pm, ND 04/172, starting on October 13, 2025	registration via Moodle course “Ringvorlesung Neurobiologie”, password will be given upon request (cellneurobiol-sekretariat@rub.de) Part 2 proceeds in the summer term, again with 1.5 ECTS

Status: 12/08/2025

Current Topics in Biology in English/English in Current Topics in Biology, Online (190519)	Mrs. Sarah Fowler	3 ECTS	language course, Wednesdays, 5-6.30 pm, starting on October 16, 2025, online	registration: send an e-mail to Sarah Fowler (sarah.fowler@rub.de)
Introduction to Molecular Modeling: Concepts in Structural Biochemistry (190510)	Prof. Dr. Till Rudack, Dr. Udo Höweler	3 ECTS	5 days on block, lectures and exercises + oral final exam in the mid of February 2026 (in otherwise lecture-free time)	for Registration and further information please contact Till Rudack (Till.Rudack@rub.de), registration deadline 19/12/2025

German or other language courses: please see the homepage of the university's language center: <http://www.zfa.ruhr-uni-bochum.de/index.html.en>