

Status: 12/08/2024

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

Term	Date	Lecturer	Module title	No.
Winter	21/10/2024-15/11/2024	Herlitze, Spoida, Reiner, Jancke, Siveke, Zhu	Neural signals at the level of channel, cell and system	190021
Winter	16/10/2024-29/01/2024	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	14/10/2024-08/11/2024	Eltz, Kirchner, Mark, Tollrian, Vos, Weiss, Horstmann	Animal Ecology and Behaviour	190024
Winter	18/11/2024-13/12/2024	Narberhaus, Aktas, Kaimer, J. Tischler	Molecular Microbiology	190061
Winter	14/10/2024-08/11/2024	Üstün, Gonzales-Fuente	Plant cell Biology meets plant-pathogen interactions: Using microbes to understand the fate of proteins	190064
Winter	18/11/2024-13/12/2024	Krämer, Piotrowski, Dhar, Soltani	Molecular biology of plants	190085
Winter	18/11/2024-13/12/2024	Baginsky, Ebert, Agne, Lambertz, Mariette, Rautengarten, Rödiger, Stolle	Fundamental Cell Biology: Transport of biomolecules in cells	190149
Winter	18/11/2024-13/12/2024	Grefen, Nowrousian, Kumari, Zhang, Struß	Molecular cell biology in plants and fungi	190180
Winter	17/02/2025-14/03/2025	Störtkuhl	Genetical methods in physiology of senses	190244
Winter	Feb/Mar 2025	Herlitze, Huhn	Banda Islands: Reef mapping and bioluminescence (diving excursion) First info: August 21, 2024, 3 pm, room 6/56 Prerequisite: Diver training: SSI/ PADI Open Water Diver (or equivalent). Application deadline will be announced in this first info meeting! Questions to <a href="mailto:mareike.huhn@rub.de">mareike.huhn@rub.de</a> ; Estimated costs: 2500 €	190247

## 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 09, 2024; Room: ND 6/56b	registration: send an e-mail to Melanie Mark ( <a href="mailto:melanie.mark@rub.de">melanie.mark@rub.de</a> )
Bioinformatics for Molecular and Cellular Structures (190702)	Prof. Dr. Axel Mosig Prof. Dr. Raphael Stoll	5 ECTS	Lectures Fridays 8-10 am, starting on October 11, 2024, lecture hall HGA 30	registration via eCampus (search for course 190702) or contact Mr. Mosig ( <a href="mailto:axel.mosig@rub.de">axel.mosig@rub.de</a> ) registration deadline: 04/10/2024
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 09, 2024, lecture hall ND 2/99	registration: via eCampus (search for 190522) or send an e-mail to Markus Piotrowski ( <a href="mailto:markus.piotrowski@rub.de">markus.piotrowski@rub.de</a> ) registration deadline: 01/09/2024-08/10/2024 Final exam: February 07, 2025, 10 – 11 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 Kristin Glotzbach	1.5 ECTS	every Monday 4 – 5 pm, ND 04/172, starting on October 07, 2024	registration via Moodle course “Ringvorlesung Neurobiologie”, password will be given by Kristin Glotzbach upon request ( <a href="mailto:kristin.glotzbach@rub.de">kristin.glotzbach@rub.de</a> )  Part 2 proceeds in the summer term, again with 1.5 ECTS
Current Topics in Biology in English/English in Current Topics in Biology, <b>Online</b> (190519)	Mrs. Sarah Fowler	3 ECTS	language course, Wednesdays, 5-6.30 pm, starting on October 09, 2024, online	registration: send an e-mail to Sarah Fowler ( <a href="mailto:sarah.fowler@rub.de">sarah.fowler@rub.de</a> )

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Introduction to Molecular Modeling: Concepts in Structural Biochemistry (190510)	Prof. Dr. Till Rudack	3 ECTS	5 days on block, lectures and exercises + oral final exam in the end of February 2025	for Registration and further information please contact Till Rudack ( <a href="mailto:Till.Rudack@rub.de">Till.Rudack@rub.de</a> ), registration deadline 15/01/2025
Current Topics in Proteostasis (190536), Journal Club  (Part 2 in the summer term, 1.5 ECTS)	Prof. Dr. Suayb Üstün	1.5 ECTS	every Thursday 10 – 11 am, starting on October 10, 2024, ND 5/63	registration: send an e-mail to Suayb Üstün <a href="mailto:suayb.uestuen@rub.de">suayb.uestuen@rub.de</a>

**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>