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| Module title | | Abbreviation |
| Research Concepts in Life Sciences | | 07-MLS3-152-m01 |
| Module coordinator | | Module offered by |
| degree programme coordinator Biologie (Biology) | | Faculty of Biology |
| ECTS | Method of grading | Only after succ. compl. of module(s) |
| 10 | numerical grade | -- |
| Duration | Module level | Other prerequisites |
| 1 semester | graduate | -- |
| Contents | | |
| Students are introduced to research concepts in the life sciences including for example: biophysical approaches to protein structure, transcription and growth control, genetics, signalling cascades and receptor pharmacology, structural biology, neuronal differentiation and microbiology. Topics may vary according to current research areas in the GSLS. | | |
| Intended learning outcomes | | |
| Students are able to recognise the research concepts and their applications in various fields of life sciences currently present in the various section of the GSLS such as neuroscience, infection and immunity, integrative biology and biomedicine and are able to design experiments. | | |
| Courses (type, number of weekly contact hours, language – if other than German) | | |
| Ü (7) + S (1) | | |
| Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus) | | |
| a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) or e) presentation (20 to 45 minutes) Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: English | | |
| Allocation of places | | |
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| Additional information | | |
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| Workload | | |
| 300 h | | |
| Teaching cycle | | |
| -- | | |
| Referred to in LPO I (examination regulations for teaching-degree programmes) | | |
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| Module appears in | | |
| Master's degree (1 major) FOKUS Life Sciences (2015) | | |
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