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| Module title | | Abbreviation |
| Biochemistry, Physiology and Genetics of Mammalian Cell Culture | | 07-MSCC-111-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) |
| 5 | (not) successfully completed | -- |
| Duration | Module level | Other prerequisites |
| 1 semester | graduate | -- |
| Contents | | |
| Introduction to cell culture, cell culture lab equipment, cellular biochemistry and cell structures, cell proliferation, generation of in vitro cell models and their applications, cell culture formats, fundamental cell analytical technologies. | | |
| Intended learning outcomes | | |
| Students are able to understand the biochemistry, physiology and genetics of mammalian cell culture, and are able to use these techniques. | | |
| Courses (type, number of weekly contact hours, language – if other than German) | | |
| S (no information on SWS (weekly contact hours) and course language available) | | |
| 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 (usually 30 to 60 minutes, including multiple choice questions) or b) log (usually approx. 10 to 30 pages) or c) oral examination of one candidate each (usually 30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (usually approx. 30 to 60 minutes) or e) presentation (usually 20 to 45 minutes) Language of assessment: English | | |
| Allocation of places | | |
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| Additional information | | |
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| Workload | | |
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| Referred to in LPO I (examination regulations for teaching-degree programmes) | | |
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| Module appears in | | |
| Master's degree (1 major) Biology (2011) Master's degree (1 major) Biology (2014) Master's degree (1 major) FOKUS Life Sciences (2012) | | |