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| Module title | | Abbreviation |
| Bioinformatics | | 07-MS2BI-092-m01 |
| Module coordinator | | Module offered by |
| holder of the Chair of Bioinformatics | | Faculty of Biology |
| ECTS | Method of grading | Only after succ. compl. of module(s) |
| 5 | numerical grade | -- |
| Duration | Module level | Other prerequisites |
| 1 semester | graduate | -- |
| Contents | | |
| Advances and current results of bioinformatics are explained and discussed, this includes results from genome and sequence analysis, protein domains and protein families, large-scale data analysis (e. g. net generation sequences, proteomics data), analysis of different functional RNAs (e. g. miRNAs, lncRNAs). | | |
| Intended learning outcomes | | |
| Understand recent results in bioinformatics. Discuss their implications. Have an advanced (Master) level knowledge of typical technologies and research questions in bioinformatics. | | |
| Courses (type, number of weekly contact hours, language – if other than German) | | |
| V + Ü (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 (30 to 60 minutes) and/or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups | | |
| Allocation of places | | |
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| Additional information | | |
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| Referred to in LPO I (examination regulations for teaching-degree programmes) | | |
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| Module appears in | | |
| Bachelor' degree (1 major) Biomedicine (2009) | | |
| Bachelor' degree (1 major) Biomedicine (2013) | | |