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|--|------------------------------|---|
| <b>Module title</b>  |                              | <b>Abbreviation</b>                         |
| Biological Macromolecules  |                              | 03-MLSMAC-111-m01                           |
| <b>Module coordinator</b>  |                              | <b>Module offered by</b>                    |
| Dean of the Faculty of Biology   |                              | Faculty of Medicine                         |
| <b>ECTS</b>  | <b>Method of grading</b>     | <b>Only after succ. compl. of module(s)</b> |
| 3  | (not) successfully completed | --  |
| <b>Duration</b>  | <b>Module level</b>          | <b>Other prerequisites</b>                  |
| 1 semester   | graduate                     | --  |
| <b>Contents</b>  |                              |   |
| The module will introduce students to the foundations of macromolecular architectures as well as frequently applied biophysical methods such as crystallography. The knowledge acquired will serve as a basis for the discussion of the structure and function of selected biological macromolecules.  |                              |   |
| <b>Intended learning outcomes</b>  |                              |   |
| Students can understand general structure-function relationships of biological macromolecules and can develop solution strategies for problems in structural biology, including the competence to use in silico approaches.  |                              |   |
| <b>Courses</b> (type, number of weekly contact hours, language – if other than German)   |                              |   |
| V (no information on SWS (weekly contact hours) and course language available)   |                              |   |
| <b>Method of assessment</b> (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)<br>Language of assessment: English |                              |   |
| <b>Allocation of places</b>  |                              |   |
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| <b>Additional information</b>  |                              |   |
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| <b>Workload</b>  |                              |   |
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| <b>Teaching cycle</b>  |                              |   |
| --   |                              |   |
| <b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)   |                              |   |
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| <b>Module appears in</b>   |                              |   |
| Master's degree (1 major) FOKUS Life Sciences (2012)   |                              |   |