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|---|--------------------------|---|
| <b>Module title</b>   |                          | <b>Abbreviation</b>                         |
| Molecular Cell Biology for advanced students  |                          | 07-6S3MZ1-092-m01                           |
| <b>Module coordinator</b>   |                          | <b>Module offered by</b>                    |
| holder of the Chair of Zoology I  |                          | Faculty of Biology                          |
| <b>ECTS</b>   | <b>Method of grading</b> | <b>Only after succ. compl. of module(s)</b> |
| 15  | numerical grade          | --  |
| <b>Duration</b>   | <b>Module level</b>      | <b>Other prerequisites</b>                  |
| 1 semester  | undergraduate            | --  |
| <b>Contents</b>   |                          |   |
| In this module, students will acquire an in-depth insight into approaches and methods in cell biology. Students will learn to apply methods in cell biology to address a scientific question.   |                          |   |
| <b>Intended learning outcomes</b>   |                          |   |
| The students are able to independently address scientific issues in molecular cell biology, using appropriate methods. They are able to design the appropriate experiments as well as to analyse, present and interpret the results.  |                          |   |
| <b>Courses</b> (type, number of weekly contact hours, language – if other than German)  |                          |   |
| This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> <li>• 07-6S3MZ1-1MZ-092: P (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-6S3MZ1-2MZ-092: S (no information on SWS (weekly contact hours) and course language available)</li> </ul>   |                          |   |
| <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)  |                          |   |
| Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments. <p><b>Assessment in module component 07-6S3MZ1-1MZ-092:</b> Advanced molecular cell biology (laboratory course)</p> <ul style="list-style-type: none"> <li>• 12 ECTS, Method of grading: numerical grade</li> <li>• a) written examination (approx. 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (approx. 30 minutes) or d) oral examination in groups (groups of 2 or 3 candidates, approx. 60 minutes) or e) presentation (approx. 20 to 30 minutes)</li> <li>• Language of assessment: German, English</li> </ul> <p><b>Assessment in module component 07-6S3MZ1-2MZ-092:</b> Current topics in molecular cell biology - (seminar)</p> <ul style="list-style-type: none"> <li>• 3 ECTS, Method of grading: (not) successfully completed</li> <li>• presentation (approx. 20 to 30 minutes)</li> <li>• Language of assessment: German, English</li> </ul> |                          |   |
| <b>Allocation of places</b>   |                          |   |
| --  |                          |   |
| <b>Additional information</b>   |                          |   |
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| <b>Workload</b>   |                          |   |
| --  |                          |   |
| <b>Teaching cycle</b>   |                          |   |
| --  |                          |   |
| <b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)  |                          |   |
| --  |                          |   |
| <b>Module appears in</b>  |                          |   |



Bachelor' degree (1 major) Biology (2007)