

<b>Module title</b>		<b>Abbreviation</b>
Methods in Biotechnology		07-4S1MZ4-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Biotechnology and Biophysics		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
2	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
<p>This module will provide students with an overview of instrument-based methods in biotechnology and biomedicine. In particular, imaging methods as well as single-cell technologies will be discussed. Publications on the methodology of biotechnology will be analysed.</p>		
<b>Intended learning outcomes</b>		
<p>Students are able to select the instrument-based method in biotechnology and biomedicine that is appropriate to a particular problem.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
<p>This module comprises 2 module components. Information on courses will be listed separately for each module component.</p> <ul style="list-style-type: none"> <li>• 07-4S1MZ4-1AB-092: V (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-4S1MZ4-2AB-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)		
<p>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> <p><b>Assessment in module component 07-4S1MZ4-1AB-092: Methods in Biotechnology (Lecture)</b></p> <ul style="list-style-type: none"> <li>• 1 ECTS, Method of grading: numerical grade</li> <li>• written examination (20 minutes)</li> </ul> <p><b>Assessment in module component 07-4S1MZ4-2AB-092: Seminar on Methods in Biotechnology</b></p> <ul style="list-style-type: none"> <li>• 1 ECTS, Method of grading: (not) successfully completed</li> <li>• presentation (approx. 20 to 30 minutes)</li> <li>• Assessment offered: once a year, summer semester</li> </ul>		
<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>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Bachelor' degree (1 major) Biology (2007) Bachelor' degree (1 major) Mathematics (2007)</p>		

