

<b>Module title</b>		<b>Abbreviation</b>
Pharmaceutical bio analytics		07-4BFPS5-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Pharmaceutical Biology		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
<p>In this module, students will acquire the theoretical and methodological fundamentals of drug and metabolite analysis. It will include an introduction to chromatographic methods of analysis as well as modern methods in computational chemistry. Qualitative and quantitative analyses of active agents and metabolites will be performed on, for example, complex drug, plant and urine samples.</p>		
<b>Intended learning outcomes</b>		
<p>Students have developed fundamental knowledge and skills in the area of drug and metabolite analysis and are proficient in chromatographic methods.</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>• 07-4BFPS5-1BA-092: P (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-4BFPS5-2BA-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 07-4BFPS5-1BA-092:</b> Pharmaceutical Bioanalytics (practical course)</p> <ul style="list-style-type: none"> <li>• 4 ECTS, Method of grading: numerical grade</li> <li>• written examination (45 minutes)</li> </ul> <p><b>Assessment in module component 07-4BFPS5-2BA-092:</b> Seminar Pharmaceutical Bio Analytics</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>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>		