

<b>Module title</b>		<b>Abbreviation</b>
Bioinformatics		07-3A3BI-072-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Bioinformatics		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>		
Fundamental principles of bioinformatics.		
<b>Intended learning outcomes</b>		
Students are proficient in methods for the analysis of DNA and protein databases.		
<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>• 07-3A3BI-1B-072: V (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-3A3BI-2B-072: 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.		
<b>Assessment in module component 07-3A3BI-1B-072:</b> Bioinformatics (Lecture) <ul style="list-style-type: none"> <li>• 1 ECTS, Method of grading: numerical grade</li> <li>• written examination (approx. 20 minutes)</li> </ul>		
<b>Assessment in module component 07-3A3BI-2B-072:</b> Bioinformatics (Seminar) <ul style="list-style-type: none"> <li>• 1 ECTS, Method of grading: (not) successfully completed</li> <li>• term paper (approx. 5 to 10 pages)</li> </ul>		
<b>Allocation of places</b>		
Only as part of Biochemistry Master's: 5 places. Places will be allocated by lot.		
<b>Additional information</b>		
--		
<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) Biochemistry (2011) Bachelor' degree (1 major) Biochemistry (2009) Bachelor' degree (1 major) Biology (2007) Bachelor' degree (1 major) Mathematics (2008) Bachelor' degree (1 major) Mathematics (2007) Bachelor' degree (1 major) Computational Mathematics (2009) Master's degree (1 major) Biochemistry (2012)		



Bachelor's degree (1 major, 1 minor) Biology (Minor, 2008)