

<b>Module title</b>		<b>Abbreviation</b>
Biochemistry 2		o8-BC2-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Biochemistry		Chair of Biochemistry
<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>The module imparts the basic knowledge of biochemistry by lectures and in-depth tutorials. Main topics of the module Biochemistry 2 are particularly Replication, DNA repair, transcription, mRNA maturation, translation and regulation of translation, protein targeting, nuclear transport, and protein degradation. Additionally the modul conveys basic knowledge about the cellular signal transduction.</p>		
<b>Intended learning outcomes</b>		
<p>The student has basic knowledge in the covered subject areas of biochemistry. He/She is able to describe the basic biochemical processes in cellular systems.</p>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V (2) + Ü (1)		
<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)		
written examination (approx. 60 to 90 minutes)		
<b>Allocation of places</b>		
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<b>Additional information</b>		
<p>Pursuant to Section 2 Subsection 2 Sentence 2 Verordnung über die Ausbildung und Prüfung der Staatlich geprüften Lebensmittelchemikerinnen und Lebensmittelchemiker (Regulation on the training and examination of state-certified food chemists, APOLmCh) in conjunction with No. II 2. Letter e) and No. II 1. Letter c) of Annex 1 of APOLmCh and No. 3 of Annex 3 of APOLmCh.</p>		
<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) Biochemistry (2015)            Bachelor' degree (1 major) Biology (2015)            Bachelor' degree (1 major) Chemistry (2015)            Bachelor' degree (1 major) Food Chemistry (2015)            Bachelor' degree (1 major) Food Chemistry (2016)            Bachelor' degree (1 major) Biology (2017)            Bachelor' degree (1 major) Biochemistry (2017)            Bachelor' degree (1 major) Chemistry (2017)            Bachelor' degree (1 major) Food Chemistry (2019)</p>		