

<b>Module title</b>		<b>Abbreviation</b>
Cell and Developmental Biology Master 1		07-MS2ZE1-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Cell Biology and Developmental Biology		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
10	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>The module consists of the lecture <i>Zellpathologie (Cytopathology)</i> and the seminar <i>Zellbiologie-Meilensteine und Perspektiven (Milestones and Perspectives of Cell Biology)</i>. The lecture describes pathological states of the cell and unravels their biological causes and consequences, such as infection, apoptosis, senescence, metabolic disorders and cancer. In the seminar <i>Milestones and Perspectives of Cell Biology</i>, classic ground-breaking publications in the field of cell biology are discussed from an unusual point of view.</p>		
<b>Intended learning outcomes</b>		
Students possess a knowledge of the theoretical principles underlying cell pathology and are able to put this into the broader context of cell biology research.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V (1) + S (2) Module taught in: German and/or English		
<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>a) written examination (30 to 60 minutes, including multiple choice questions) or  c) oral examination of one candidate each (30 to 60 minutes) or  d) oral examination in groups of up to 3 candidates (30 to 60 minutes)  Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Biology (2015)  Master's degree (1 major) Biosciences (2016)  Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)  Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)  Master's degree (1 major) Biosciences (2017)  Master's degree (1 major) Biosciences (2018)  Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)  Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)  Master's degree (1 major) Biosciences (2021)  exchange program Biosciences (2022)  Master's degree (1 major) Biosciences (2023)</p>		

