

<b>Module title</b>		<b>Abbreviation</b>
Basics of tissue engineering and quality management		03-SP1A2-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Regenerative Medicine and holder of the Chair of Functional Materials in Medicine and Dentistry		Faculty of Medicine
<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	graduate	--
<b>Contents</b>		
Tissue engineering of complex constructs: supply, hypoxia, nutrient diffusion, extracellular matrix, supply of nerves and blood vessels. Risk analysis according to ISO 17025: 2005, biological evaluation of medical devices according to DIN EN ISO 10993.		
<b>Intended learning outcomes</b>		
Students are familiar with the fundamental principles of tissue engineering and quality management.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
S + Ü (no information on SWS (weekly contact hours) and course language available)		
<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 (90 minutes)		
<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>		
Master's degree (1 major) Technology of Functional Materials (2009)		