

<b>Module title</b>		<b>Abbreviation</b>
Materials for biosensors, tissue engineering and tissue regeneration		03-SP2A2-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Orthopaedics and holder of the Chair of Regenerative Medicine		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>		
Interaction of biosystems with materials, biodegradation versus inert materials, protein adsorption on surfaces as an information broker for sensors, biological materials, structure-function interaction (nano-microstructures).		
<b>Intended learning outcomes</b>		
Students have developed a knowledge of the interaction of the biosystem with materials.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
S + P (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 (60 minutes) and log (approx. 5 pages), weighted 3:1		
<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)		