

<b>Module title</b>		<b>Abbreviation</b>
Applied Mathematics and Medicine		o3-MaMed1-122-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
Chair of Rudolf Virchow Center for Experimental Biomedicine		Faculty of Medicine
<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>		
Applications of mathematical modelling and analysis in medicine and, in particular, in genomics, proteomics, cellular modelling and quantitative image analysis.		
<b>Intended learning outcomes</b>		
Students have acquired an insight into various application areas of applied mathematics in the life sciences.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V + S (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)		
talk (approx. 60 to 120 minutes) Language of assessment: German, English		
<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) Computational Mathematics (2012)		