

t.BMPH - Biomedizinische Physik

Person responsible for the course: Stephan Scheidegger, scst

Credits: 4

Valid for: 2010/2011

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Learning objectives:

students have basic knowlegde about biophysical principles, which are important for understanding diagnostic and therapeutic modalities in biomedical engineering

Course content:

aspects of biomedical physics such as modelling of metabolism, medical optics and accustics, effects of non-ionizing and ionizing radiation

Previous knowledge:

Mathematics and Physics 1st year

Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	2
Tutorial/Practicum	2
Group teaching	
Block instruction	
Seminar	

Assessment:

According to the table or as specified in writing by the lecture at the beginning of the semester!

Number	Type	Weighting
1	End of term exam	100%
	Exam during the semester	
	Further assessments	

Language of instruction:

german or english

Instruction material:

lecture notes

Comments:

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