

Module title		Abbreviation
Introduction to Physics for Students of Biology		11-ENF-Bio2-152-m01
Module coordinator		Module offered by
Managing Director of the Institute of Applied Physics		Faculty of Physics and Astronomy
ECTS	Method of grading	Only after succ. compl. of module(s)
4	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Fundamentals of optics.		
Intended learning outcomes		
The students understand the basic contexts of optics and have knowledge of experimental observations. They have detected and understood physical contexts on the basis of the implementation of own experiments. They have a basic understanding of physical phenomena and know the basic ideas and ways of functioning of different measuring and imaging methods as well as their applications, especially in the field of Biomedicine.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (3) + P (4)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
oral test during experiments (approx. 15 minutes) and written examination (90 minutes). Each experiment comprises preparation, performance and evaluation. Test as well as performance of experiments can each be repeated once. a) practical assignment with oral test (approx. 15 minutes) and b) written examination (approx. 90 minutes)		
Allocation of places		
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Additional information		
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Workload		
120 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Biology (2015) Bachelor' degree (1 major) Biology (2017) Bachelor' degree (1 major) Biology (2021) Bachelor' degree (1 major) Biology (2022)		