

Module title		Abbreviation
Introduction to Physics for Students of Biology		11-ENF-Bio-132-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)
6	numerical grade	--
Duration	Module level	Other prerequisites
2 semester	undergraduate	--
Contents		
Lectures: Mechanics, vibration theory, optics. Work placement: A selection of simple experiments from the fields of mechanics, optics, vibration theory, thermodynamics, science of electricity, Atomic and Nuclear Physics, imaging methods.		
Intended learning outcomes		
The students understand the basic connections between mechanics and 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 + V + P (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) and b) oral test (approx. 15 minutes) during lab course experiments and successful completion of experiments (ungraded)		
Allocation of places		
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Additional information		
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Workload		
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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 (2013)		