

Module title		Abbreviation
Fundamentals of Physiology and Application of Surgical Implants by Loss of Function		03-FU-IMP-161-m01
Module coordinator		Module offered by
holder of the Chair of Functional Materials in Medicine and Dentistry		Faculty of Medicine
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Anatomy and physiology of the cardiovascular system, ear and eye, skeletal system, of the jaw including tooth structure and pathological processes that lead to functional impairment or loss of function. Materials and use of medical implants in the respective tissue.		
Intended learning outcomes		
The students receive advanced knowledge in human physiology. In addition, knowledge about pathological processes that can lead to the use of medical materials and implants will be taught.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (3) + P (1)		
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) report on practical course (approx. 10 pages) and b) presentation (approx. 30 minutes) or written examination (approx. 90 minutes); weighted 1:1 Language of assessment: German and/or English		
Allocation of places		
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Additional information		
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Workload		
150 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		
Master's degree (1 major) Functional Materials (2016)		