

Module description

		(7/3/41	O (SEATABLE) C	00 8/4-197		
Module	e title			Abbreviation		
Additive Manufacturing 03-ADFER-222-mo1						
Module coordinator				Module offered by		
holder of the Chair of Functional Materials in Medicine and Dentistry				Chair of Chemical Technology of Material Synthesis		
ECTS	T F			mpl. of module(s)		
5		rical grade				
Duration		Module level	Other prerequisites			
1 semester						
Contents						
preparation to post processing, will be discussed. Participants will get the possibility to have hand-on experience with different printing methods during practical sessions. Based on current examples, options to transfer the process from prototyping to manufacturing and concepts to implements sustainability into additive manufacturing will be highlighted. The course will also focus on biomedical applications and options how 3D printing can be used in Biofabrication.						
Intended learning outcomes						
The student has advanced knowledge of the synthesis, modification and characterization of polymers.						
Courses (type, number of weekly contact hours, language — if other than German)						
$V(2) + \ddot{U}(1) + P(1)$ Module taught in: V, \ddot{U} : English						
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. 90 minutes) or b) oral examination of one candidate each (20 to 30 minutes) or c) talk (approx. 30 minutes) Language of assessment: English						
Allocation of places						
Additional information						
Workload						
150 h						
Teaching cycle						
Referred to in LPO I (examination regulations for teaching-degree programmes)						
Modulo appears in						
Module appears in Master's degree (1 major) Functional Materials (2022)						
	Master's degree (1 major) Functional Materials (2022) Master's degree (1 major) Functional Materials (2025)					