

Microtechnology (English)

Module Title		Microtechnology (English)			
Module Title in English		Microtechnology			
Module Leader		Prof. Dr. rer. nat. Martin Reufer			
Teaching Staff		Prof. Dr. rer. nat. Martin Reufer			
Courselanguage/		English			
Code	Workload	Credits	Semester	Semester Offered	Duration
	180 h	6	5th semester	Every semester	ss: ½ semester / WS: 1 semester ½ semester / WS: 1 semester
1	Type of Course Lecture: 2 h/week Seminar: 2 h/week	Scheduled Learning 4 h/week (= 60 h)	Independent Study Total: 120 h		Approx. Number of Participants Lecture max. 150 bzw. 120 Seminar 15
2	Learning Outcomes / Competences <ul style="list-style-type: none"> • Fundamental understanding of microtechnological systems • Fundamental understanding of processes for microstructuring • Fundamental understanding of processing equipment for microtechnology • Knowledge of various applications of microtechnology 				
3	Contents <ul style="list-style-type: none"> • Physical fundamentals of microtechnology applications • Production methods in microtechnology • Applications of microtechnology 				
4	Teaching Methods Lecture, Seminar				
5	Content-Related Module Prerequisites none				
6	Formal Module Prerequisites none				
7	Type of Exams Graded exam (written or oral) and seminar report				
8	Prerequisite for the Granting of Credits Passed exam and seminar report				
9	This Module Appears in:				

	Course of Studies	Status
10	Weighting of Grade in Relationship to Final Grade Weighting equals the proportion of module credits in relationship to the total number of grade-relevant credits	
11	Additional Information / Literature A list of recommended literature will be published every semester	