

Research Project						
Module Code	Workload	Credits	Semester	Frequency of Module	Duration	
	180 hrs.	6	2	Each semester	1 Semester	
1	Module Components		Teaching Language	Contact Hours	Self Study	Class Size
	a) Research Project		a) English	a) 4,5 hrs.	a) 145,5 hrs.	a) 15
	b) Research Seminar		b) English	b) 11,25 hrs.	b) 18,75 hrs.	b) 15
2	<p>Learning Outcomes</p> <p>After successful participation in the module the students ...</p> <p>Application (3) ... search through literature databases for relevant scientific publications ... planning of a small research project</p> <p>Analysis (4) ... execute a small research project ... present the results of a research project</p> <p>Synthesis (5) ... report on a scientific project and its results ... write a scientific report for a research project</p> <p>Evaluation (6) ... question the results of a scientific project</p>					
3	<p>Individual Component Content</p> <p>a) The students will work in small groups independently on various small projects in the field of medical diagnostics</p> <p>b) Instruction and supervision of the research projects, Presentation of the results of the individual projects</p>					
4	<p>Teaching Methods</p> <p>a) Project</p> <p>b) Seminar</p>					
5	<p>Prerequisites</p> <p>Depends on the chosen research project</p> <p>The modules Management Skills, Molecular Diagnostics and Biometrics and Multiparameter Diagnostics should be successfully completed</p>					

6	Methods of Assessment a) Graded Assessment 1sbA (Practical Work) (5 LP) b) Graded Assessment 1PN (Presentation) (1 LP)
7	Applicability of Module Precision Medicine Diagnostics M.Sc. (PMD)
8	Person Responsible for Module Prof. Dr. Matthias Kohl (Module Responsible)
9	Reading List (Core Texts and Recommended Texts) a) Depends on the chosen research project b) Thomas A. Lang (2009). How to Write, Publish, and Present in the Health Sciences: A Guide for Physicians and Laboratory Researchers. American College of Physicians. Michael Jay Katz (2009). From Research to Manuscript: A Guide to Scientific Writing. Springer Verlag.