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) Deutsch	a) 4,5 hrs.	a) 145,5 hrs.	a) 15
	b) Research Seminar	b) Deutsch	b) 11,25 hrs.	b) 18,75 hrs.	b) 15

2 Learning Outcomes

After successful participation in the module the students ...

Analysis (4)
... execute a small research project
... present the results of a research project

Synthesis (5)
... write a scientific report for a research project
... report on a scientific project and its results

Evaluation (6)
... question the results of a scientific project

3 Individual Component Content

a) The students will work in small groups independently on various small projects in the field of medical diagnostics

b) Instruction and supervision of the research projects, Presentation of the results of the individual projects

4 Teaching Methods

a) Project

b) Seminar

5 Prerequisites

Depends on the chosen research project

The modules Management Skills, Molecular Diagnostics and Biometrics and Multiparameter Diagnostics should be successfully completed

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.