

[A1]	Group research proposal	Compulsory module	6 CP (total) = 180 h				2 SWS
			Contact hours 2 SWS / 30 h	Independent study 150 h			
Content							
<p>In this module, students actively engage with content from the field of biochemistry by formulating a hypothetical research project. This process also hones their skills in crafting scientific documents. Consequently, students are introduced to the art of critically analyzing published works and identifying forward-looking subjects suitable for funding in a research project. They acquire the ability to construct hypotheses and provide scientific evidence for subsequent validation.</p> <p>Within this module, students will collaborate in groups to present and defend their research projects. These projects will pertain to current topics within the scope of the subject matter studied, and students will establish a timeline for their work. Those not presenting directly will act as audience members, serving as reviewers and learning to discern both the strengths and weaknesses in the proposals, and offering constructive feedback.</p> <p>Following these presentations and discussions, students will formulate a research proposal in English.</p>							
Learning outcomes and skills							
<p>After conducting a comprehensive review of the literature, students pinpoint research-focused, forward-looking subjects. Subsequently, they collaboratively generate thought-provoking questions as part of their group work, which serve as a foundation for crafting a research proposal. Students deliberate on the methodologies to employ and provide an outline of the anticipated outcomes. They then compose a research project in English and present and justify their research project to a panel of experts. Throughout this process, they acquire skills in teamwork, effective communication, and task delegation.</p>							
Admissions requirements/Conditions for participation in the module/courses							
None							
Recommended prior knowledge							
Module <i>Modern Methods of Biochemistry</i> .							
Organizational details							
Module allocation (degree programme/faculty)		Master Biochemistry / FB14					
Module transferrable to other degree programmes							
Module offered		Summer semester					
Duration		1 semester					
Module coordinator		Prof. Tampé					
Course requirements for credits							
Participation record		Regular and active participation					
Coursework		Presentation, written proposal (ca. 3.000 words) & discussion in groups (English) (90 min.)					
Forms of teaching / learning		Seminar					
Language teaching and instruction		English					
Module assessment		Form / duration / content, if applicable					
Final module assessment		None					
Cumulative module assessment consisting of							
Composition of the module grade for cumulative module assessment							
		Mode of teaching / study	Semester hours per week	Semester CP			
				1	2	3	4
	Group research proposal	S	2		6		
	TOTAL		2		6		