

[A3]	<b>Research Internship I and II</b>	<b>Compulsory module</b>	<b>10+10 CP (total) = 600+600 h</b>				<b>30 + 30 working days</b>
			<b>Contact hours</b> 240+240 h	<b>Independent study</b> 360+360 h			
<b>Content</b>							
	<ul style="list-style-type: none"> <li>• literature research</li> <li>• familiarization with scientific topics</li> <li>• working on a research project of limited scope</li> <li>• writing a protocol</li> <li>• presentation of the project</li> </ul> <p>The research internships serve as orientation when selecting the research area for the master's thesis.</p>						
<b>Learning outcomes and skills</b>							
	<p>After completing the internship, students will be able to:</p> <ul style="list-style-type: none"> <li>• plan a research project and its implementation</li> <li>• conduct a scientific research experiment</li> <li>• evaluate and interpret the results using modern methods</li> <li>• write a protocol with the framework of a scientific work</li> <li>• present the results in the working group</li> </ul>						
<b>Admissions requirements/Conditions for participation in the module/courses</b>							
	None						
<b>Recommended prior knowledge</b>							
	None						
<b>Organizational details</b>							
	<p>As a general rule, the internships should take place:</p> <ul style="list-style-type: none"> <li>• in one of the working groups of the biochemistry teaching unit</li> <li>• in the departments of the Goethe University directly involved in the study course (FB 13, 14, 15); the topic should cover either molecular biology or/and cell biology or/and biochemistry or/and biophysical chemistry.</li> <li>• in the institutes directly involved in the study course: MPI for Biophysics and working groups at the PEI, which are included in the list approved by the Biochemistry Study Commission (<a href="https://www.uni-frankfurt.de/81331711/Generic_81331711.pdf">https://www.uni-frankfurt.de/81331711/Generic_81331711.pdf</a>); the topic should cover either molecular biology or/and cell biology or/and biochemistry or/and biophysical chemistry.</li> </ul> <p>If the internships are completed outside of the working groups involved in the study course, e.g. in Faculty 16 (medicine), in industry or abroad, a university lecturer in the biochemistry teaching unit must act as an additional supervisor. To determine the topic, you must first consult with this supervisor. The topic should cover either molecular biology or/and cell biology or/and biochemistry or/and biophysical chemistry.</p> <p>Both internships can also be combined to a 12 weeks intership.</p>						
<b>Module allocation (degree programme/faculty)</b>	Master Biochemistry / FB14						
<b>Module transferrable to other degree programmes</b>							
<b>Module offered</b>	every semester, after consultation with the work group leaders; also during the lecture-free period						
<b>Duration</b>	1 semester (30 + 30 working days)						
<b>Module coordinator</b>	Chair of the Audit Committee						
<b>Course requirements for credits</b>							
<b>Participation record</b>							
<b>Coursework</b>	Presentation of the project results (15 min.)						
<b>Forms of teaching / learning</b>	Practical course						
<b>Language teaching and instruction</b>	English						
<b>Module assessment</b>	<b>Form / duration / content, if applicable</b>						
<b>Final module assessment</b>							
<b>Cumulative module assessment consisting of</b>	Practical activity and protocol are evaluated equally.						
<b>Composition of the module grade for cumulative module assessment</b>	A grade is formed from both parts as an overall assessment. <i>The grade of the better graded research internship is counted for the overall master grade. The lower one isn't.</i>						
		Mode of teaching / study	Semester hours per week	Semester CP			
				1	2	3	4
	Research internship I (30 working days)	P				10	
	Research internship II (30 working days)	P				10	
	TOTAL					20	