[A3]	Research Internships I and II	Compulsory module	10+10 CP (total) = 600+600 h		30 + 30 working days
			Contact hours 240+240 h	Independent study 360+360 h	

Content

- literature research
- familiarization with scientific topics
- working on a research project of limited scope
- writing a protocol
- presentation of the project

The research internships serve as orientation when selecting the research area for the master's thesis.

Learning outcomes and skills

After completing the internship, students will be able to:

- plan a research project and its implementation
- conduct a scientific research experiment
- evaluate and interpret the results using modern methods
- write a protocol with the framework of a scientific work
- present the results in the working group

Admissions requirements/Conditions for participation in the module/courses

None

Recommended prior knowledge

None

Organizational details

As a general rule, the internships should take place:

- in one of the working groups of the biochemistry teaching unit
- 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.
- 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 (https://www.uni-frankfurt.de/81331711/Generic_81331711.pdf); the topic should cover either molecular biology or/and cell biology or/and biochemistry or/and biophysical chemistry.

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.

Both internships can also be combined upon application (to the audit committee) for an internship abroad or for an internship outside the student's regular place of residence.

Module allocation (degree programme/faculty)	Master Biochemistry / FB14
Module transferrable to other degree programmes	
Module offered	every semester, after consultation with the work group leaders; also during the lecture-free period
Duration	1 semester (30 + 30 working days)
Module coordinator	Chair of the Audit Committee
Course requirements for credits	
Participation record	
Coursework	- presentation of the project results - practical activity and protocol are evaluated equally. A grade is formed from both parts as an overall assessment.
Forms of teaching / learning	Practical course
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
Research internship I (30 working days)	P				10	
Research internship II (30 working days)	P				10	
TOTAL					20	