

<b>Module title</b>		<b>Abbreviation</b>
Current Methods of Protein Chromatography		o8-BC-AMP-152-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Biochemistry		Chair of Biochemistry
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
Comprising practical experiments, this module equips students with the theoretical principles of, and methodological skills for, protein purification using modern chromatographic techniques.		
<b>Intended learning outcomes</b>		
Students have become familiar with the tools used for chromatographic protein purification. They have become familiar with the relevant parameters and are able to transfer what they have learned to new problems. They are able to evaluate their results, produce written reports detailing those results as well as to discuss them.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
P (5)		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 45 to 90 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 to 20 minutes per candidate) or e) presentation (20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours) Assessment offered: Once a year, winter semester Language of assessment: German and/or English		
<b>Allocation of places</b>		
Biochemie (Biochemistry), Bachelor's: 24 places. Selection process Biochemie (Biochemistry), Bachelor's (180 ECTS credits): Should the number of applications exceed the number of available places, places will be allocated according to the following quotas: Quota 1 (two thirds of places): current average grade of successfully completed modules; among applicants with the same average grade, places will be allocated by lot. Quota 2 (one third of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Bachelor' degree (1 major) Biochemistry (2015) Bachelor' degree (1 major) Biochemistry (2017) Bachelor' degree (1 major) Biochemistry (2022)		