	Advanced methods in biochemistry	Compulsory		3-7 CP (total) = 90 - 210 h				2-4
j		elective module in the core area C2	Contact h 2-4 SWS /			endent 60-150 h	SWS	
Content						,		
immunological tech capillary electropho scanning probe mic	methods and overview; hniques; chromatographic te oresis; amino acid analysis; croscopy; single molecule tec	chniques; protein hniques;	; modification sequencing evolutiona	on and cleav ; mass spec ry biochemi	vage of prote trometry; p stry; express	eins; elect eptide so sion syste	trophoretic n olid phase sy ems	nethods onthesis
seminar. The metho	<ol> <li>Current publications, som ods used are discussed and a s are also worked out.</li> </ol>	e of which	ch use new e approache	methods, was are discuss	will be pres sed. The adv	ented by vantages	the student and disadvar	s in the itages o
The lecture can opt	tionally be combined with th	e semina	ır.					
Learning outcomes ar	nd skills							
advantages and dis- method for a scient	=	l methods	s and, based	d on this kn	owledge, in	depende	ntly identify	the bes
Seminar: The stude the methods used.	ents can evaluate the signific	cance of i	individual e	experiments	and the qua	ality of p	ublications b	oased or
Admissions requirem	ents/Conditions for parti	cipation	in the mo	dule/cours	es			
None								
Recommended prior	knowledge							•
None								
Organizational details	s							
A very good semina	ar presentation can improve	the grade	e of the fina	ıl exam by 0	0.3.			
Module allocation (degree programme/faculty)		) N	Master Biochemistry / FB14					
··	to other degree program			<u> </u>				
Module offered		W	winter semester					
Duration		1	1 semester					
Module coordinator		P	Prof. Tampé					
Course requirements	for credits							
Participation record		S	Seminar: regular and active participation					
Coursework		S	Seminar: presentation (in English).					
Forms of teaching / learning			Lecture, seminar					
Language teaching an	nd instruction	Е	inglish					
Module assessment			Forn	n / duratio	n / content	, if appl	icable	
Final module assessment			Oral exam for the lecture (30 min.)					
Cumulative modu	le assessment consisting o	of						
Composition of the cumulative modul	e module grade for le assessment		_					
			Mode of teaching	Semester hours	Semester CP	l <u>.</u>	T _	T .
			/ study	per week	1	2	3	4

Advanced methods in biochemistry

Optional: Methods seminar

TOTAL

2

2

2-4

S

3

4

3-7