[C2.2]	Membrane biology	Compulsory elective module in the core area C2	4-5 CP (to Contact l 2-3 SWS	hours	Inde	pendent y 90-115 h	2-3 SWS	
Content			2 9 8 18 1	<u> </u>	Juu	<u>y 70 117 11</u>	<u> </u>	
lecture combines	e discuss biological membra both theory as well as re ssed. The seminar will high	lated practical aspects f	for studying	membra	ne lipids	and protein		
biogenesis of mer contemporary m	ncluded are the diversity as nbrane proteins, membrane ethodology for studying stu ndy selected research papers	protein – lipid interaction ructure, function, and	ons, the path dynamics of	nophysiol membra	ogy of m ne prote	embrane prot ins. The stuc	teins, an lents wi	
	<u>l)</u> : The students participate i d methodological developm		seminars on	membrai	ne biolog	y to learn abo	out recer	
The lecture can o	ptionally be combined with	the seminar.						
Learning outcomes	and skills							
approaches for st	nodule is to establish a broa udying these. Students will that they can critically asses	learn to evaluate the ad	vantages an	d limitati	ons of dif	fferent metho	odologica	
Admissions require	ments/Conditions for pa	rticipation in the mo	dule/course	es				
Recommended price	or knowledge						·	
	0							
Organizational deta	vils							
- T	and active participation doe	rumented by the signatu	ure of the ho	st or pres	ontor			
				-	enter.			
	degree programme/facu	<u> </u>	nemistry / F.	B14				
	le to other degree progra							
Module offered			winter semester					
Duration		1 semester						
Module coordinator		Prof. Hänelt	Prof. Hanelt					
Course requiremen								
Participation record			Seminar: regular and active participation					
Coursework		None						
Forms of teaching / learning			Lecture, self study, seminar					
Language teaching and instruction		English						
Module assessment			Form / duration / content, if applicable					
Final module as		Oral exam for the lecture (30 min.)						
	lule assessment consistin	ig of						
Composition of cumulative mod	the module grade for ule assessment	Mode of	1	1				
			Semester hours per week	Semeste CP	1	2		
Membrane biolo	gy	study L+self study	2	1 4	2	3	4	
		Study	-	1	1	1	1	
Optional: Currer	t research in membrane bio	ology S	1	1				