

Bioanalytical Chemistry (BAC) - VT23

teaching sessions take place in room B.237, laboratory session in room A.336

day	date	time	topic	tutor
Tues	21-Mar	9:00-9:30	Welcome, Roll call, course overview	all
		9.30-12:00	bioanalysis - molecules	LI
Wed	22-Mar	9:00-12:00	laboratory framework, risk assessment, lab safety	EE
Thu	23-Mar	9:00-12:00	sample preparation	LI
Fri	24-Mar	9:00-12:00	molecular recognition assays	NP
Mon	27-Mar	9:00-12:00	optical biosensors	NP
Tues	28-Mar	9:00-12:00	electrochemical biosensors	NP
Wed	29-Mar	9:00-12:00	biomolecular MS	LI
Thu	30-Mar	9:00-12:00	biomolecular MS	LI
Fri	31-Mar	9:00-12:00	journal club (assays and biosensors)	NP
Mon	03-Apr	9:00-12:00	UV/vis and fluorescence spectroscopy in bioanalysis	NP
Tues	04-Apr	9:00-12:00	IR and Raman spectroscopy in bioanalysis	NP
Wed	05-Apr	9:00-12:00	journal club (spectroscopy)	NP
Thu	06-Apr	9:00-17:00	self study / preparation	
			Easter	
			Easter	
Tues	11-Apr	9:00-17:00	self study / preparation	
Wed	12-Apr	9:00-17:00	self study / preparation	
Thu	13-Apr	9:00-17:00		
Fri	14-Apr	9:00-12:00		
Mon	17-Apr	9:00-17:00		
Tues	18-Apr	9:00-17:00		
Wed	19-Apr	9:00-17:00		
Thu	20-Apr	9:00-17:00		
Fri	21-Apr	9:00-17:00	laboratory project report writing	
Mon	24-Apr	9:00-17:00	self study / preparation	
Tues	25-Apr	9:00-12:00	nucleic acid extraction, amplification & analysis	NP
Wed	26-Apr	9:00-12:00	nucleic acid extraction, amplification & analysis	NP
Thu	27-Apr	9:00-12:00	journal club (NA analysis)	NP
Fri	28-Apr	9:00-17:00	self study / preparation	
			labour day	
Tues	02-May	9:00-12:00	presentations, project plans	all
Wed	03-May	9:00-17:00	project	
Thu	04-May	9:00-17:00		
Fri	05-May	9:00-17:00		
Mon	08-May	9:00-17:00		
Tues	09-May	9:00-17:00		
Wed	10-May	9:00-17:00		
Thu	11-May	9:00-17:00		
Fri	12-May	9:00-17:00		
Mon	15-May	9:00-17:00		
Tues	16-May	9:00-17:00		
Wed	17-May	9:00-17:00	self study / preparation	
Thu	18-May		ascension day	
Fri	19-May		klämmdag	
Mon	22-May	9:00-12:00	presentations project, project report submission	all
Tues	23-May	9:00-12:00	self study / preparation	
Wed	24-May	9:00-12:00	self study / preparation	
Thu	25-May	9:00-12:00	literature review presentations (imaging techniques)	all
Fri	26-May	9:00-12:00	literature review presentations (imaging techniques)	all
Mon	29-May	9:00-12:00	QA for exam	all
Tues	30-May	9:00-12:00	self study / preparation	
Wed	31-May	9:00-12:00	self study / preparation	
Thu	01-Jun	9:00-12:00	QA for exam	all
Fri	02-Jun	9:00-12:00	exam	

	(1) theory - course study (mandatory)
	(2) laboratory projects (mandatory)
	(3) presentation and examination (mandatory)