

Spectroscopy of biological molecules 2021 (7.5 ECTS credits, KB8023) Version: 2021 03 23

Date	Day	Mornings			Afternoons		
		Time	Topic	Lecturer	Time	Topic	Lecturer
03/05	Mon	9-10	Introduction to the course	AB	15	Coffee break/Questions	-/AB
		10-12	Tutorial Lab reports Introduction to spectroscopy			Introduction to spectroscopy Write Intro text	
04/05	Tue	11	Coffee break/Questions Vibrational spectroscopy	-/AB	15	Coffee break/Questions Vibrational spectroscopy Write IR and Raman texts	-/AB
05/05	Wed	9	Deadline Intro, IR, and Raman texts		13-16	Exercise Intro, Vib	FV
		9-12	Tutorial Intro IR	AB			
06/05	Thu	9-11	Intro IR experiment	AB		Work on lab report IR	
		11-12	Individual discussion Intro IR Raman	AB	14-16	Individual discussion Intro IR Raman	AB
07/05	Fri		Work on lab report IR			Work on lab report IR	
		11	Coffee break/Questions	-/AB	15	Coffee break/Questions	-/AB
10/05	Mon	9-11	Primer UV/vis spectroscopy UV/vis spectroscopy	AB	15	Coffee break/Questions UV/vis spectroscopy	-/AB
11/05	Tue	11	Coffee break/Questions Time-resolved spectroscopy	-/AB	15	Coffee break/Questions Time-resolved spectroscopy Write UV/vis text	-/AB
12/05	Wed	9	Deadline UV/vis spectroscopy text		13-16	Exercise UV/vis	FV
		9-12	Tutorial UV/vis Kinetics	AB			
13/05	Thu						
14/05	Fri		Work on lab report IR			Work on lab report IR	
17/05	Mon	9	Deadline 1st submission of IR report		14-17	Individual discussion UV/vis	AB
		9-11	Primer CD spectroscopy	AB		Circular dichroism	
		11-12	Individual discussion UV/vis Think about seminar topic	AB		Write CD text Think about seminar topic	
18/05	Tue	9	Deadline CD text				
		9	Submit seminar topic (society & spectrosc.)		13-16	Exercise CD	FV
		9-12	Tutorial CD	AB			
19/05	Wed	9-11	Primer fluorescence	AB			
		11-12	Individual discussion CD Fluorescence	AB	14-17	Individual discussion CD Fluorescence	AB
20/05	Thu	11	Coffee break/Questions Fluorescence	-/AB	15	Coffee break/Questions Fluorescence Write fluorescence text	-/AB
21/05	Fri	9	Deadline fluorescence text		13-16	Exercise fluorescence	FV
		9-12	Tutorial fluorescence	AB			
24/05	Mon	9-12	Individual discussion fluorescence Work on lab report fluorescence	AB	14-16	Individual discussion fluorescence Work on lab report fluorescence	AB
25/05	Tue	9	Deadline 1st submission of fluoresc. report		15	Coffee break/Questions	-/AB
		9-10	Technical test for examination Prepare for examination 1	FV		Prepare for examination 1	
26/05	Wed	11	Coffee break/Questions Prepare for examination 1	-/AB	15	Coffee break/Questions Prepare for examination 1	-/AB
27/05	Thu	9-11	Examination 1	FV, AB	15	Coffee break Work on seminar presentation	-/
28/05	Fri	11	Coffee break Work on seminar presentation	-	15	Coffee break Work on seminar presentation	-/
31/05	Mon		Work on seminar presentation		13-17	Seminars	AB
01/06	Tue	9-12	Tutorial Spectrosc. biomembranes	AB	15	Coffee break/Questions Prepare for examinations 2 and 3	-/AB
02/06	Wed	11	Coffee break/Questions Prepare for examinations 2 and 3	-/AB	15	Coffee break/Questions Prepare for examinations 2 and 3	-/AB
03/06	Thu	9-12	Individual question time Prepare for examinations 2 and 3	AB	14-16	Individual question time Prepare for examinations 2 and 3	AB
04/06	Fri	9-11	Examination 2	FV, AB	14-16	Examination 3	FV, AB
06/06	Sun	24:00	Deadline final submission of lab reports				

Colour code: Lectures, tutorials, exercises and seminars, individual discussions, self-study, deadlines

Teacher: AB: Andreas Barth, Lab assistant: FV: Faraz Vosough