


Spectroscopy of biological molecules 2024 (7.5 ECTS credits, KB8023) Version: 2024 01 08

Date	Day	Mornings			Afternoons			
		Time	Topic	Lecturer	Time	Topic	Lecturer	
15/01	Mon	9-10 10-12	Introduction to the course Tutorial 1 (Lab reports)	K241-247 K241-247	AB AB	15	Question time <i>Introduction to spectroscopy</i>	AB
16/01	Tue		<i>Introduction to spectroscopy</i> <i>Write Intro text</i>			15	Question time <i>Vibrational spectroscopy</i>	AB
17/01	Wed	9-12	/K311 Individual discussion <i>Vibrational spectroscopy</i>	Intro	AB	13-15	/K311 Individual discussion <i>Vibrational spectroscopy</i> <i>Write IR and Raman texts</i>	AB
18/01	Thu	9 9-9.30 9.30-13	Deadline IR, and Raman texts IR lab introduction IR lab	K241-247	AB OK	14-17	IR lab eval., BRING LAPTOP	K241-247 OK
19/01	Fri		<i>Work on IR lab data evaluation</i> <i>(fit and present data)</i>			14-16	IR lab wrap up	K241-247 AB
22/01	Mon	9-12	Tutorial IR	K241-247	AB	16-18	/K311 Individ. discussion IR Raman	AB
23/01	Tue	9-10.30	Primer UV/vis spectroscopy <i>UV/vis spectroscopy</i>	K241-247	AB	13.30-16.30	Exercise Intro, Vib	K241-247 OK
24/01	Wed	9 9-11	Deadline UV/vis spectroscopy text Primer Time-res. spectrosc.	K241-247	AB	14-17	/K311 Individual discussion <i>Time-resolved spectroscopy</i>	AB
25/01	Thu	9-12	Tutorial UV/vis Kinetics	K241-247	AB	13.30-16.30	Exercise UV/vis	K241-247 OK
26/01	Fri	9-12	Primer fluorescence	K241-247	AB	13-17	/K311 Individual discussion <i>Fluorescence</i> <i>Write fluorescence text</i>	AB
29/01	Mon	9 9-12	Deadline fluorescence text Lab fluorescence, group 1 <i>Fluorescence</i>		OK	14-17	Lab fluorescence, group 2 <i>Fluorescence</i>	OK
30/01	Tue	9-12 9-12	Lab fluorescence, group 3 /K311 Individ. discussion fluorescence		OK AB	14-17 14-17	Lab fluorescence, group 4 /K311 Individ. discussion fluorescence	OK AB
31/01	Wed	9-12	Tutorial fluorescence	K241-247	AB	13-16	Exercise fluorescence	K241-247 OK
01/02	Thu		<i>Work on lab report fluorescence</i>				<i>Work on lab report fluorescence</i>	
02/02	Fri		<i>Work on lab report fluorescence</i>				<i>Work on lab report fluorescence</i>	
05/02	Mon	9 9-11	Deadline 1st submission of fluoresc. report Primer CD spectroscopy	K241-247	AB		<i>Circular dichroism</i> <i>Write CD text</i>	
06/02	Tue	9	Deadline CD text			13-16	Exercise CD	K441-447 OK
07/02	Wed		<i>Prepare for examinations</i>			13-16	Tutorial CD	K433-439 AB
08/02	Thu	9-12	/K311 Individual discussion <i>Prepare for examinations</i>	CD	AB	13-16	/K311 Individual discussion <i>Prepare for examinations</i>	CD AB
09/02	Fri		<i>Prepare for examinations</i>				<i>Prepare for examinations</i>	
12/02	Mon	9-12	/K311 Individual question time <i>Prepare for examinations</i>		AB	14-16	/K311 Individual question time <i>Prepare for examinations</i>	AB
13/02	Tue		<i>Prepare for examinations</i>			15	General question time <i>Prepare for examinations</i>	AB
14/02	Wed	9-13	Examination GFK	K317-321	OK, AB	14-16	Examination EK, SE	K317-321 OK, AB
25/02	Sun	24:00	Deadline final submission of lab report					

Colour code: **Primers, tutorials, exercises, and examinations**, individual discussions and question times, *self-study*, **deadlines**

Normal print only: on-site

Normal print and : zoom meetings

Normal print and /K311: meetings via zoom or in my office K311 according to your preference

Gray and italic print: self-study

Yellow highlight: DBB room

Teacher: AB: Andreas Barth (barth@dbb.su.se), Lab assistant: OK: Oleksandra Kuryshva (oleksandra.kuryshva@dbb.su.se)

Zoom link for general question time: [63077741868](https://dbb.su.se/join/63077741868)

Zoom link for individual discussions and individual question time: [66850274390](https://dbb.su.se/join/66850274390)