



## Schedule for Biocatalysis for Doctoral Students FCB3203, 2024

Learning activity	Content	Instructions
On your own: Lecture 1	Introduction to Biocatalysis & Course requirements	Watch pre-recorded lecture online
On your own: Lecture 2	Fine Chemicals	Watch Pre-recorded lecture online, read the articles
22 Jan, 10:15-12:00 Guest Lecture by Christian Schnepel, KTH	Stereoselectivity & Enzymes in Pharmaceutical Chemistry	Participate in the live lecture on Zoom
On your own: Lecture 4	Enzyme Mechanisms	Watch Pre-recorded material, read the articles
29 Jan, 10:15-12:00 Workshop about Lecture 1-4	Workshop, problem-solving and Q/A session	Participate in the workshop on Zoom
On your own: Lecture 5	Hydrolases	Watch Pre-recorded material, read the articles
On your own: Lecture 6	Oxidoreductases	Watch Pre-recorded material, read the articles
5 Feb, 10:15-12:00 Workshop about Lecture 5-6	Workshop, problem-solving and Q/A session	Participate in the workshop on Zoom
On your own: Lecture 7	Transferases, Lyases, Isomerases & Ligases	Watch Pre-recorded material, read the articles
On your own: Lecture 8	Organic Solvents & Water Activity	Watch Pre-recorded material, read the articles
12 Feb, 10:15-12:00 Guest Lecture by Per-Olof Syrén, KTH	Enzyme Engineering Strategies	Participate in the live lecture on Zoom
16 Feb, 08:15-10:00 Guest Lecture by Christian Schnepel, KTH	Enzyme Mining	Participate in the live lecture on Zoom
19 Feb, 10:15-12:00 Guest Lecture by Karim Cassimjee, EnginZyme AB	Immobilisation & the Biocatalysis company EnginZyme	Participate in the live lecture on Zoom



On your own: Lecture 12	Cascade Biocatalysis	Watch Pre-recorded material, read the articles
20 Feb, 10:15-12:00 Workshop about Lecture 7-12	Workshop, problem-solving and Q/A session	Participate in the workshop on Zoom
1 March, 13:15-15:00 Master students' seminars	The Master students present their Biocatalysis research projects	Be an active participant in the Q&A sessions
1 March, 15:15-17:00 Master students' seminars	The Master students present their Biocatalysis research projects	Be an active participant in the Q&A sessions
4 March, 08:15-10:00 Master students' seminars	The Master students present their Biocatalysis research projects	Be an active participant in the Q&A sessions