# Experimental Methods in Chemistry Course 2021 (5 hp)

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<td>P1: (SK, DR) Structural biochemistry lab demo (online)</td>
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<td>L9: (JH) Quantitative NMR</td>
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<td>L13: (AB) Spectroscopy</td>
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<td>4/6 Exam 9:30-12:00</td>
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Re-exam: 13/08/2021, 13:00-15:30

L: Lecture
P: Practical exercises

Practical exercises / laboratory
P2: Mass Spectrometry: Demonstration ESI-MS/MS.
P3: Structural biochemistry: Structure information from databases, structure from electron density, analysis of protein structure.
P5: Quantitative imaging lab.

**Course coordinator**
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Literature: Issued material, as well as lecture notes

Examination and grading criteria:
The course includes hand-in assignments and laboratory reports that are to be submitted in a given deadline. The final grade on the course will be the average grade of the given tasks.
The various parts are examined as follows:
Structural biochemistry: Laboratory report / exam
Microscopy: Laboratory report / exam
Mass spectrometry: Assignments

Participation in all practical exercises / laboratory exercises is compulsory. Attendance will be registered.

Attendance of the lectures is a requirement for good understanding of the course material and laboratory exercises. The presence in the lectures is taken into account together with the rest assignments at the end of the course.