

Syllabus

for course at advanced level

Powder diffraction with X-rays and neutrons in Materials Chemistry **7.5 Higher Education**
Pulverdiffraktion med röntgenstrålning och neutroner inom materialkemi **Credits**
7.5 ECTS credits

Course code:	KZ8014
Valid from:	Spring 2020
Date of approval:	2019-11-11
Department	Department of Materials and Environmental Chemistry
Main field:	Chemistry
Specialisation:	A1F - Second cycle, has second-cycle course/s as entry requirements

Decision

This syllabus has been approved by the Board of the Faculty of Science at Stockholm University.

Prerequisites and special admittance requirements

Course structure

Examination code	Name	Higher Education Credits
THEO	Theori	4
LABB	Laboration	3.5

Course content

Learning outcomes

Education

Forms of examination

- Measurement of knowledge takes place through:
 - Written and/or oral examination
- Grading is carried out according to a 7-point scale related to learning objectives:
A = Excellent, B = Very Good, C = Good, D = Satisfactory,
E = Sufficient Fx = Fail F = Fail.
- Grading criteria for the course will be distributed at the start of the course.
- A minimum grade of E is required to pass the course, together with:
 - Participation in all compulsory parts.
 - Completion of all practical laboratory work, and award of a "Sufficient" grade .
- Students who fail to achieve a pass grade in an ordinary examination have the right to take at least further four examinations, as long as the course is given. The term "examination" here is used to denote also other compulsory elements of the course. Students who have achieved a pass grade on an examination may not retake this examination in order to attempt to achieve a higher grade. Students who have failed to reach a pass grade on two occasions have the right to request that a different teacher be appointed to set the grade of the course. A request for such appointment must be sent to the departmental board.

Interim

Students may request that the examination is carried out in accordance with this syllabus even after it has ceased to apply. This right is limited, however, to a maximum of three occasions during a two-year-period after the end of giving the course. A request for such examination must be sent to the departmental board.

Required reading

Course literature is decided by the departmental board and is described in an appendix to the syllabus.