



Stockholm
University

Department of Organic Chemistry

Schedule for KO7009 Organometallic Chemistry 15 ECTS HT 2019

TENTATIVE SCHEDULE

	V45 04-08 November 2019	V46 11-15 November 2019	V47 18-22 November 2019	V48 25-29 November 2019	V49 2-6 December 2019
MON	4/11 09.30-10.00: Intro (BMM&NS) 10.00-12.30: L1 Fundamental Principles (NS)	11/11 09.30-12.30: (BMM) L6 C-C bond Form.I	18/11 09.30-12.30: (BMM) L8 C-X bond Formations and Enolates 13.30-15.00 (MAC, ES) Pre-Lab A501 Compulsory	25/11 09.30-18.00: Lab1 Compulsory	2/12 09.30-12.30: (BMM) L13 Nucleophilic Func.
TUE	5/11 09.30-12.30: (NS) L2 Fundamental Principles II	12/11 Self studies	19/11 09.30-12.30: (BMM) L9 Heck	26/11 09.00-18.00: (MAC,ES) Lab2 Compulsory	3/12 09.30-12.30: (BMM) L14 Reductions
WED	6/11 09.30-12.30: (NS) L3 Fundamental Principles III	13/11 09.30-12.30: (BMM) L7 C-C bond Form. II	20/11 09.30-12.30: L10 Carbonylations (NS)	27/11 09.00-18.00: (MAC,ES) Lab3 Compulsory	4/12 09.30-12.30: (NS) E3 Problem solving III (L10-L12)
THU	7/11 09.30-12.30: (BMM) L4 Reaction Mechanisms I 14.00-16.30: (NS) E1 Problem solving I (L1-L3) 12/11 Self studies	14/11 Self studies	21/11 09.30-12.30: (BMM) E2 Problem solving II (L6-L9)	28/11 09.00-18.00: (MAC,ES) Lab4 Compulsory	5/12 09.30-12.30: (NS) L15 C-H Functionalization I
FRI	8/11 09.30-12.30: (BMM) L5 Reaction Mech. II	15/11 Self studies	22/11 09.30-12.30: (NS) L11 Oxidations	29/11 09.30-12.30: (MAC,ES) L12 Allyl Metal (NS)	6/12 09.30-12.30: (NS) L16 C-H Functionalization II

	V50 9-13 December 2019	V51 16-20 December 2019	V52 2019 and V1 2020	V2 6-10 January 2020	V3 13-17 January 2020
MON	9/12 09.00-18.00: (MAC,ES) Lab5 Compulsory	16/12 09.30-12.30: (BMM) L17 Metathesis			13/1 09.30-12.30: (BMM) Exam prep.
TUE	10/12 09.00-18.00: (MAC,ES) Lab6 Compulsory	17/12 09.30-12.30: (BMM) E4 Problem solving IV (L13-14, L17)		07/01 Self studies; preparation of Presentations and reports	14/1 09.30-12.30: (NS) Exam prep.
WED	11/12 09.00-18.00: (MAC,ES) Lab7 Compulsory	18/12 E5 Problem solving V (L15-16)		08/01 Self studies; preparation of Presentations and lab reports	15/1 Self studies
THU	12/12 09.00-18.00: (MAC,ES) Lab8 Compulsory	19/12 Self studies; preparation of Presentations and reports		09/01 09.30-12.30: Presentations I (BMM &NS) Compulsory	16/1 Self studies
FRI	13/12 09.00-18.00: (MAC,ES) Lab9 + cleaning Compulsory studies DEADLINE Reports LAB1-4	20/12 Self studies; preparation of Presentations; work on lab reports		10/01 09.30-12.30: Presentations II (BMM &NS) Compulsory DEADLINE All LAB reports	17/1 09.00-13.00 EXAM

NOTE:

Lectures and Exercises: 09.30-12.30 in A501

**Lab exercises:
09.00-18.00 in K340 (awaiting confirmation)**

**Lab report deadlines:
14/12/2019
10/01/2020**

**Exam:
17 January 2020 09.00-13.00**

Literature: Handouts distributed by the lecturers.

Recommended book: Organotransition Metal Chemistry: From Bonding to Catalysis (ISBN: 9781891389535): John Hartwig: University Science books: Sausalito, CA.

Lecturers:

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* Course coordinator. For general study-related questions, please contact the KÖL administration or the Director of Studies.