



Stockholm
University

Department of Organic Chemistry

Schedule for KO7009 Organometallic Chemistry 15 ECTS HT 2018

TENTATIVE SCHEDULE, DO NOT FORGET TO REGISTER/APPLY IF YOU DIDN'T YET

	V. 45 (05-09/11/2017)	V. 46 (12-16/11/2018)	V. 47 (19-23/11/2018)	V. 48 (26-30/11/2018)	V. 49 (3-7/12/2018)
MON	05/11 09.30-10.00: Intro (BMM&KS) 10.00-12.30: L1 Fundamental Principles (KS)	12/11 09.30-12.30: (KS) L5 Reaction Mech. II 14.00-16.30: (KS) E1 Problem solving I	19/11 09.30-12.30: (KS) L8 Heck 13.30-15.00 (MAC, ES) Pre-Lab A501 <i>Compulsory</i>	26/11 09.30-12.30: (KS) L12 C-H Functionalization I	3/12 09.30-12.30: (BMM) L13 Oxidations
TUE	6/11 09.30-12.30: (KS) L2 Fundamental Principles II	13/11 <i>Self studies</i>	20/11 09.30-12.30: (BMM) L9 C-X bond Formations and Enolates	27/11 09.00-18.00: (MAC,ES) Lab1 <i>Compulsory</i>	4/12 09.30-12.30: (BMM) E3 Problem solving III
WED	7/11 09.30-12.30: (KS) L3 Fundamental Principles III	14/11 09.30-12.30: (BMM) L6 C-C bond Form.I	21/11 09.30-12.30: L10 Carbonylations (BMM)	28/11 09.00-18.00: (MAC,ES) Lab2 <i>Compulsory</i>	5/12 09.30-12.30: (BMM) L14 Nucleophilic Func.
THU	8/11 09.30-12.30: (KS) L4 Reaction Mechanisms I	15/11 09.30-12.30: (BMM) L7 C-C bond Form. II	22/11 09.30-12.30: (KS) E2 Problem solving II	29/11 09.00-18.00: (MAC,ES) Lab3 <i>Compulsory</i>	6/12 09.30-12.30: L15 Allyl Metal (KS)
FRI	9/11 <i>Self studies</i>	16/11 <i>Self studies</i>	23/11 09.30-12.30: (BMM) L11 Reductions	30/11 09.00-18.00: (MAC,ES) Lab4 <i>Compulsory</i>	7/12 09.30-12.30: (KS) L16 C-H Functionalization II

	V. 50 (10-14/12/2017)	V. 51 (17-21/12/2017)	V. 52 – V. 1 (1-5/1/2018)	V. 2 (7-11/1/2019)	V. 3 (14-18/1/2019)
MON	10/12 09.00-18.00: (MAC,ES) Lab5 <i>Compulsory</i>	17/12 09.30-12.30: (BMM) L17 Metathesis		07/01 <i>Self studies; preparation of Presentations; work on lab reports</i>	14/1 09.30-12.30: (BMM) Exam prep.
TUE	11/12 09.00-18.00: (MAC,ES) Lab6 <i>Compulsory</i> 11/12 10:00 – 11:15 <i>Compulsory lec. C-H active. Prof. Engle</i>	18/12 09.30-12.30: (BMM) E4 Problem solving IV		08/01 <i>Self studies; preparation of Presentations and reports</i>	15/1 09.30-12.30: (KS) Exam prep.
WED	12/12 09.00-18.00: (MAC,ES) Lab7 <i>Compulsory</i>	19/12 <i>Self studies; preparation of Presentations and reports</i>		09/01 <i>Self studies; preparation of Presentations and lab reports</i>	16/1 <i>Self studies</i>
THU	13/12 09.00-18.00: (MAC,ES) Lab8 <i>Compulsory</i>	20/12 <i>Self studies; preparation of Presentations and reports</i>		10/01 09.30-12.30: Presentations I (BMM &KS) <i>Compulsory</i>	17/1 <i>Self studies</i>
FRI	14/12 09.00-18.00: (MAC,ES) Lab9 + cleaning <i>Compulsory studies</i> DEADLINE Reports LAB1-4	21/12 <i>Self studies; preparation of Presentations; work on lab reports</i>		11/01 09.30-12.30: Presentations II (BMM &KS) <i>Compulsory</i> DEADLINE All LAB reports	18/1 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:
14/12/2018
11/1/2019**

**Exam:
18/1/2019 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:

Belén Martín Matute (BMM)*
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