

KJM 4200 – Required Reading (Pensum), Spring 2009

- John McMurry: “Organic Chemistry” 6th or 7nd ed. as specified below
- Lise-Lotte Gundersen “KJM 4200. Organisk Kjemi II. Laboratoriekurshefte. 2009

Required reading from “McMurry”:

Subject	Chapter in McMurry 7 ed	Chapter in McMurry 6 ed.
Organometallic couplings	10.8 and lab. manual	10.9 and lab. manual
Alkenes and dienes	11.8 – 11.9, 14.1 – 14.3	11.12 – 11.13, 14.1 – 14.4
Aromatic compounds	16.7 – 16.8, 16.10	16.8, 16.9, 16.11
Alcohols and phenols	17.7 – 17.10, 18.3	17.8 – 17.11, 18.5
Carbonyl condensation reactions	23.11 – 23.12	23.12 – 23.13
Amines	24.6 – 24.8	24.6 – 24.8
Heterocycles	24.9	28.1 – 28.7
Carbohydrates	25.1 – 25.11	25.1 – 25.12
Amino acids, peptides etc	26.1 – 26.11	26.1 – 26.16
Lipids	27.1 - 27.7	27.1 – 27.0
Nucleic acids	28.1 - 28.8	28.8 - 28.17
Pericyclic reactions	30.1 – 30.9, 7.6	30.1 - 30.1, 7.6

After completing introductory courses in organic chemistry as well as KJM4200, the intention is that the student shall master the subjects presented in McMurry, except polymer chemistry, chap. 29 and 31 (and other minor parts about polymer chemistry), and the spectroscopy covered by KJM3000