

**Literature & curriculum for FRM5230:** 1) chapters 1-30, 34, 36-40 from the book by Stuart Warren & Paul Wyatt, *Organic Synthesis, The Disconnection Approach*, Second edition, 2009, **ISBN-10:** 0470712368, **ISBN-13:** 978-0470712368, John Wiley&Sons; 2) the article "The Art and Science of Organic and Natural Product Synthesis", *J. Chem. Ed.*, 1998 (Nicolaou et al.) 3) Chapter 28- Retrosynthetic analysis from "Organic Chemistry" (Clayton et al),

Chapters 31, 32, 33 and 35 will not be covered and considered as curriculum in this class.

**Literature & curriculum for FRM9230:** Same as for FRM5230 and in addition review articles on the following topics: Asymmetric synthesis, Pd-catalyzed reactions and metathesis reactions. The Ph.D.-students must also give a 20-30 minutes lecture on a topic to be decided. This presentation is mandatory for all Ph.D.-students, and all master-students must be present at these lectures by the Ph.D.-students.

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Professor