Syllabus/achievement requirements STK4080
Fall 2016

Course book:

Aalen, O.O., Borgan, Ø., and Gjessing, H.: Event History Analysis: A Process Point of View. Springer-Verlag, 2008. ISBN: 978-0-387-20287-7
Final curriculum:

- Chapter 1: Introduction to the chapter, section 1.1, section 1.2, section 1.4, section 1.5 (except 1.5.4).
- Chapter 2: Introduction to the chapter, section 2.2 (except 2.2.3, 2.2.7, and 2.2.8 and we skipped the optional variation process in section 2.2.6), section 2.3 (in 2.3.3, only conditions (2.60) and (2.61) for the martingale central limit).
- Chapter 3: Introduction to the chapter, section 3.1, section 3.2 (except 3.2.5), section 3.3 (except 3.3.4 and 3.3.5).
- Chapter 4: Introduction to the chapter, introduction to section 4.1, section 4.1.1 (except examples 4.2 and 4.3), section 4.1.2, section 4.1.4, section 4.1.5 (only for Cox regression and only for the univariate case, i.e. $p = 1$), introduction to section 4.2, section 4.2.1 (except the material on smoothing from page 159, line 13 from below, to page 160, line 15 from above), section 4.2.2.
- Chapter 5: Introduction to the chapter, section 5.1.1, section 5.1.2,, section 5.1.4, section 5.1.5 (except examples 5.2 and 5.3), section 5.2.
- Chapter 6: Introduction to the chapter, Section 6.2 (only 6.2.1 and 6.2.2).
- Chapter 7: Introduction to the chapter, Sections 7.1 and 7.2 (only to 7.2.3).

The material covered in the lecture handouts and the exercises are also part of the curriculum.