Detailed syllabus from Seierstad and Sydsæter's book *Optimal control theory with economic applications*

- chapter 1
    - sections 1, 2, 4
    - section 5 without the terminal condition (31c). Also excluded: proof of (32b) p.34, example 9 p. 38 and the subsection *another terminal condition* p.39.
    - section 6 until p.106 (included).
- chapter 2
    - section 3 (Assume allways that $p_0 = 1$)
    - section 5,6 (We only consider the case with one state and one control variable)
    - section 9 p.142-145 (before subsection *An existence theorem*)
- chapter 3
    - section 5

Contact me if you have any question about this syllabus.