

**MSc "Design of Steel Structures" - Course of "Stability of Steel Structures"**  
**Year 2012/13**

	Day	Time	Hours	Subject
<b>Week 1</b>	20/01/2014	10:30-12:00	1.5	Theory of Stability: Definitions, Euler problems, Critical load. Exercises
	22/01/2014	12:00-13:30	1.5	Theory of Stability: Further theoretical details. Exercises
<b>Week 2</b>	27/01/2014	10:30-12:00	1.5	Global/Local buckling. Classification of steel sections. Exercises
	29/01/2014	10:30-12:00	1.5	Stab. of beam-columns: Stability checks of comp. members. Exercises
<b>Week 3</b>	03/02/2014	10:30-12:00		
	05/02/2014	10:30-12:00		
<b>Week 4</b>	10/02/2014	10:30-12:00	1.5	Stability of built-up members: Basic theory and Laced members.
	12/02/2014	10:30-12:00	1.5	Stability of built-up members: Battened members.
<b>Week 5</b>	17/02/2014	10:30-12:00	1.5	Stability of built-up members: Battened members.
	19/02/2014	10:30-12:00	1.5	Stability of built-up members: Exercises
<b>Week 6</b>	24/02/2014	10:30-12:00	1.5	Lateral-torsional buckling: key theoretical aspects
	26/02/2014	10:30-12:00	1.5	Lateral-torsional buckling: code provisions. Exercises
<b>Week 7</b>	03/03/2014	10:30-12:00		
	05/03/2014	10:30-12:00		
<b>Week 8</b>	10/03/2014	10:30-12:00	1.5	Stability of Structures: Definitions and Code Provisions
	12/03/2014	10:30-12:00	1.5	Stability of Structures: the role of imperfections; Exercises
<b>Week 9</b>	17/03/2014	10:30-12:00	1.5	Final exercises, discussion and questions about the course topics
	19/03/2014	10:30-12:00	1.5	Final exercises, discussion and questions about the course topics
<i>Tentative</i>	26/03/2014	15:00-18:00	3	Final Exam