

TMA521/MMA510 Project course: Optimization

Week	day	date	hours	activ.	staff	Contents
LV1 36	wed	2/9	10–12	Lec 1	A,M	introduction, simple/ difficult problems, intro project 1
	fri	4/9	10–12	Lec 2	M	facility location, overview decomposition, intro network design
LV2 37	wed	9/9	10–12	Lec 3	A	Lagrangean relaxation
	fri	11/9	10–12	Lec 4	A	Lagrangean relaxation
LV3 38	mon	14/9	10–12	Lec 5	K,AW	Maintenance/scheduling
	wed	16/9	10–12	Lec 6	A	Lagrangean relaxation
	fri	18/9	10–12	Lec 7	A	Disc. network design/ Lagrangean relaxation
LV4 39	mon	21/9	10–12	Lec 8	A	Column generation
	mon	21/9		Deadl.		Program project 1
	wed	23/9	10–12	Lec 9	M	Optimality conditions
	thu	24/9		Deadl.		Report project 1, distr to opponents
	fri	25/9	10–12	Lec 10	A	Column generation, intro project 2
LV5 40	mon	28/9	10–12	Lec 11	M	Benders decomposition
	wed	30/9	10–12	Pres 12	stud	Presentation project 1, including oppositions
	fri	2/10	10–12	Pres 13	stud	Presentation project 1, including oppositions
LV6 41	mon	5/10				
	wed	7/10		Deadl.		Preliminary report of project 2 to opponents
	fri	9/10				
LV7 42	mon	12/10		Deadl.		Final report project 2, distr to opponents
	wed	14/10	10–12	Pres 14	stud	Presentation project 2, including oppositions
	wed	14/10	13–15	Pres 15	stud	Presentation project 2, including oppositions

A = Ann-Brith Strömberg, M = Michael Patriksson, K = Karin Thörnblad,
 AW = Adam Wojciechowski