

Water Management, BIOR66, 15hp, Spring 2012

Course coordinator:

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Lectures will be held in “G111 Ängen”, in “B130 Kärret väster”, “B131 Kärret öster” and in “G110 Heden”, in the Ecology Building and in A182 “Späckhuggaren” in the Biology Building. The course introduction is mandatory and will take place in “G111 Ängen”. All teaching activities (group work, exercises, seminars etc.) except for lectures are mandatory.

There is no course book. Instead you will use literature that we hand out/publish on the course web page.

Teachers:

Coordinator	PC	Per Carlsson, Lund University, Aquatic Ecology
	SE	Sara Ekström, Lund University, Aquatic Ecology
	PH	Pia Hertonsson, Consultant, Ekoll AB
	PH	Per Nyström, Consultant, Ekoll AB, Höör municipality
	MS	Marika Stenberg, Consultant, Ekoll AB
	OB	Olof Berglund, Lund University, Aquatic Ecology
	LC	Lars Collvin, Skåne County Administration Board
	JW	Johan Wagnström, Skåne County Administration Board
	KJ	Karin Jönsson
	GP	Göran Persson, NSVA (Water and Sewage Northwestern Scania)
	HR	Henrik Roosberg, Swedish Coast Guard
	CE	Cathrine Ek, Trelleborg municipality
	JC	Johnny Carlsson, Trelleborg municipality
	HB	Håkan Bergknut, Hörby municipality
	RN	Rickard Nilsson, Höör municipality

Day	Date	Hour	Subject	Activity	Teacher/Lecture room
Thursday	22/3	9.15-10.00	Introduction	MANDATORY	PC/ G111 Ängen
		10.30-12.00	Introduction to literature project	Information	PC/ G111 Ängen
		13.00-16.00	EU Water Framework Directive	Lecture/Practical	PC/ G111 Ängen
Friday	23/3	09.15-12.00	EU Water Framework Directive	Lecture/Practical	PC/ G111 Ängen
		13.00-16.00	Discussion	Seminar	PC/ G111 Ängen

Monday	26/3	08.00-13.00	Skåne County Administration Board	Excursion	LC, PC
		14.00-16.00	Individual literature project		
Tuesday	27/3	09.15-16.00	Crayfish and fish stocking + crayfish management – computer exercise	Lecture/Practical	PN/ G111 Ängen
Wednesday	28/3	09.15-12.00	Acidification – freshwater and marine	Lecture	PC/ G111 Ängen
		13.00-16.00	Individual literature project		
Thursday	29/3	09.15-12.00	Water and sewage treatment	Lecture	KJ/ G111 Ängen
Friday	30/3	09.15-16.00	Individual literature project		
Monday	2/4	09.15-12.00	Wetlands – nutrient retention and biodiversity	Lecture	PN/ G111 Ängen
		13.00-16.00	Individual literature project		
Tuesday	3/4	09.15-12.00	Organic pollutants	Lecture	OB/ G110 Heden
		13.00-16.00	Individual literature project		
Wednesday	4/4	08.00-12.00	Sewage treatment plant Helsingborg	Excursion	GP, PC
		13.00-16.00	Coast Guard – Oil spills –perhaps boat trip!	Excursion	HR, PC
Thursday	5/4	Easter holyday			
Friday	6/4	Easter holyday			
Monday	9/4	Easter holyday			
Tuesday	10/4	09.15-16.00	Individual literature project		
Wednesday	11/4	09.15-12.00	Fish management	Lecture	JW/A182 Späckhuggaren
Thursday	12/4	09.15-12.00	Brownification	Lecture	SE/B131 Kärret Öster
Friday	13/4	09.15-16.00	Individual literature project		

Monday	16/4	09.15-16.00	Hydrology	Lecture	MS, PH/A182
Tuesday	17/4	09.15-16.00	Status classification	Lecture/Practical	Späckhuggaren PH, MS/A182
Wednesday	18/4	09.15-12.00	Lake restoration	Lecture	Späckhuggaren PC/A182
		13.00-15.00	River restoration	Lecture	MS/A182 Späckhuggaren
Thursday	19/4	09.15-12.00	Article reading		PC
Friday	20/4	09.15-16.00	Article seminar	Seminar	PC/A182 Späckhuggaren
Monday	23/4	09.15-16.00	Individual literature project		
Tuesday	24/4	08.00-18.00	Trelleborg municipality	Excursion	CE, JC, PC
Wednesday	25/4	08.00-18.00	Hörby municipality	Excursion	PN, HB, RN, PC
Thursday	26/4	09.15-12.00	Day off		
Friday	27/4	09.15-16.00	Individual project feedback (groups of three). written and oral		PC
Monday	30/4	Holyday			
Tuesday	1/5	Holyday			
Wednesday	2/5	09.15-16.00	Preparation for individual project presentation		
Thursday	3/5	09.15-12.00	Individual project presentations	Seminar	PC/G111 Ängen
Friday	4/5	09.15-12.00	Individual project presentations	Seminar	PC/G111 Ängen
Monday	7/5	09.15-16.00	GIS+Habitat mapping	Lecture/Practical	MS, PH/G111 Ängen
Tuesday	8/5	15.30-24.00	River restoration and biotopes + amphibians	Excursion	MS, PH/G111 Ängen
Wednesday	9/5	09.15-16.00	Restoration Fyleån, group exercise	Lecture/Practical	MS, PH/G111 Ängen
Thursday	10/5	09.15-12.00	Restoration Fyleån, group exercise	Lecture/Practical	MS, PH/G111 Ängen
Friday	11/5	09.15-16.00	Restoration Fyleån, group exercise	Lecture/Practical	MS, PH/G111 Ängen

Monday	14/5	09.15-16.00	Presentations Fyleån	Seminar	MS, PH/G111 Ängen
Tuesday	15/5	09.15-16.00	Study day – preparations for exam		
Wednesday	16/5	09.15-16.00	Home exam		
Thursday	17/5	Holyday			
Friday	18/5	Holyday			
Monday	21/5	09.15-16.00	Group project: Rönne Å	Lecture/seminar	PC, MS, PH, PN G111 Ängen
Tuesday	22/5	09.15-16.00	Group project: Rönne Å	Practical	PC, MS, PH, PN G111 Ängen
Wednesday	23/5	09.15-16.00	Group project: Rönne Å	Practical	PC, MS, PH, PN
Thursday	24/5	09.15-12.00	Group project: Rönne Å	Practical	PC, MS, PH, PN
Friday	25/5	09.15-16.00	Group project: Rönne Å	Practical	PC, MS, PH, PN
Monday	28/5	09.15-16.00	Group project: Rönne Å	Practical	PC, MS, PH, PN
Tuesday	29/5	09.15-16.00	Group project: Rönne Å	Practical	PC, MS, PH, PN G111 Ängen
Wednesday	30/5	09.15-16.00	Group project: Rönne Å	Practical	PC, MS, PH, PN G111 Ängen
Thursday	31/5	09.15-12.00	Group project: Rönne Å	Practical	PC, MS, PH, PN/B141Mossen öster
Friday	1/6	09.15-16.00	Project Presentations, Course evaluation	Seminar	PC, MS, PH, PN G111 Ängen