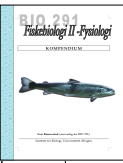


2014		BIO291		Main Text book/ Pensumbok		Kompedium /Compendium curriculum		
Responsible: Ivar Rønnestad		Bone & Moore. <i>Biology of Fishes</i> . 3rd Edition (2008). Taylor and Francis.						
version update	08. Aug 2014			Pensumtekst som er markert med rødt kan kjøpes samlet som et kompendium fra Studia.				
Forelesninger/Lectures				The curriculum marked in red can be purchased in a binder/compendium at Studia.				
Tuesdays	10:15-12:00	Location: please see "MyPage"/Calender						
Fridays	12:15-14:00	Location: please see "MyPage"/Calender						
Forelesing/lecture				Pensum/Curriculum:				
Uke/Week	Dag/Day	Tema/subject	Foreleser/lecturer	From	To	Pages	Notater/ Notes	Chapter
35	Tue 26. Aug 2014	Ion transport and osmoregulation	Sigurd Stefansson	161	187	26	Bone & More	
	Fri 29. Aug 2014	Ion transport and osmoregulation	Sigurd Stefansson					
36	Tue 02. Sep 2014	Open						
	Fri 05. Sep 2014	Endocrinology	Sigurd Stefansson	256	284	28	Bone & More	
37	Tue 09. Sep 2014	Endocrinology/smoltification	Sigurd Stefansson				See curriculum for lecture "Endocrinology"	
	Fri 12. Sep 2014	The Cardiovascular System + Aquatic and Aerial Respiration	Kristina Sundell	123	151	28	Bone & More + lecture notes	
38	Tue 16. Sep 2014	Acid-Base Balance	Sigurd Stefansson	123	151	28	Bone & More + lecture notes	
	Fri 19. Sep 2014	Gas transport	Kristina Sundell	152	159	7	Bone & More + lecture notes	
39	Tue 23. Sep 2014	Sensing (hearing, mechanoreception)	Ivar Rønnestad	290	302	18	Bone & More	
	Fri 26. Sep 2014	Sensing (vision, chemoreception)	Ivar Rønnestad	310	339	29	Bone & More	
40	Tue 30. Sep 2014	Feeding and nutrition	Ivar Rønnestad			34	Digestion and absorption. In: Jobling M.Environmental Biology of Fishes 1996. Chapman & Hall, Fish and Fisheries Series 16. Pages: 175-209.	2
	Fri 03. Oct 2014	Energetics	Ivar Rønnestad			46	Bioenergetics In: JE. Halver and RW. Hardy: Fish Nutrition, Academic Press 2002. Pp. 2 – 48	3
41	Tue 07. Oct 2014	Reproduction	Ivar Rønnestad			38	Reproduction. In: Jobling M.Environmental Biology of Fishes 1996. Chapman & Hall, Fish and Fisheries Series 16. Pages: 304-316; 319-342;	4
	Fri 10. Oct 2014	Reproduction/Egg and larvae	Ivar Rønnestad			29	Development of eggs and larvae In: Jobling M.Environmental Biology of Fishes 1996. Chapman & Hall, Fish and Fisheries Series 16. Pages: 357-359; 364-386	5
42	Tue 14. Oct 2014	No lecture						
	Fri 17. Oct 2014	Locomotion and Buoyancy	Ivar Rønnestad	61	124	63	Bone & More + lecture notes	
43	Tue 21. Oct 2014	Stress in fish	Sigurd Stefansson			16	Stress in Fish. In DH. Evans, and JB Clairborne. The Physiology of Fishes (3rd Edition) Taylor and Francis. 2006. Pages 319-335	1
NB	Date to be decided with students	Immunology	Heidrun Wergeland	383	405	22	Bone & More	
	Fri 24. Oct 2014	Slot for postponed lectures (if any)						
	Tue 11. Nov 2014	Slot for postponed lectures (if any)						
	Fri 14. Nov 2014	Slot for postponed lectures (if any)						
Total						374		
Kollokvium/Colloquia								
Vi anbefaler at dere danner egne kollokviegrupper. Kollokvioppgaver som er eksamensrelevante blir lagt ut på studentportalen.								
We recommend that you form your own colloquia groups. A documents with questions for each theme/topic can be found under the file								