

## LECTURE/LAB SCHEDULE – BIOS381 – FALL 2009:

(UPDATED 110309 - lecture topics may be modified)

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August 24	Lecture 1	Introduction and Course Information (Ch 1 & 2)
August 26	Lecture 2	Introduction to the Invertebrates (Ch 2 & 3)
	LAB 1	Comparative Study of Body Plans: I & Set up Infusion cultures
August 28	Q & Lecture 3	QUIZ ONE; Introduction to the Invertebrates (Ch 3)
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August 31	Lecture 4	Animal Development, Life Histories and Origins (Ch 4)
Sept. 2	Lecture 5	Protists I (Ch 5)
	LAB 2	Comparative Study of Body Plans: II
Sept. 4	<b>NO CLASS</b>	
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Sept. 7	<b>NO CLASS</b>	
Sept. 9	Lecture 6	Protista II (Ch 5)
	LAB 3	Protistan Diversity
Sept. 11	Q2 & P	QUIZ TWO; Student Presentations 1 & 2
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Sept. 14	Lecture 7	Ph. Porifera (Ch 6)
Sept. 16	Lecture 8	Ph. Cnidaria (Ch 8)
	LAB 4	<b>Field trip: Collection at Middle Creek</b>
Sept. 18	Q3 & P	QUIZ THREE; Student Presentations 3 & 4
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Sept. 21	Lecture 8	Ph. Cnidaria (cont.)
Sept. 23	Lecture 9	Ph. Platyhelminthes – Introduction (Ch 10)
	LAB 5	Parasites of Fishes
Sept. 25	Q4 & P	QUIZ FOUR; Student Presentations 5 & 6
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Sept. 28	Lecture 10	Ph. Platyhelminthes – Parasitic ( <b>Terry Haverkost</b> ) (Ch 12)
Sept. 30	Lecture 11	Blastocoelomates – Ph. Rotifer & Ph. Gastrotricha (Ch 12)
	LAB 6	Infusion Cultures – “Succession in a Jar”
Oct. 2	Q5 & P	QUIZ FIVE; Student Presentations 7 & 8
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Oct. 5	Lecture 12	Ph. Blastocoelomates – Ph. Acanthocephala & Entoprocta (Ch 12)
Oct. 7	Lecture 13	Ph. Blastocoelomates – Ph. Nemata (Ch 12)
	LAB 7	<b>Field trip: Collection at Holmes Lake</b>
Oct. 9	Q6 & P	QUIZ SIX; Student Presentations 9 & 10

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Oct. 12	Lecture 14	“Proto-arthropods” – Ph. Onychophora & Ph. Tardigrada (Ch 15)
Oct. 14	Lecture 15 LAB	Ph. Annelida (Ch 14) EXAM I – NOTEBOOKS DUE
Oct. 16	Q7 & P	QUIZ SEVEN; Student Presentations 11 & 12
Oct. 19	<b>NO CLASS</b>	
Oct. 21	Lecture 16 LAB 8	Ph. Mollusca (Ch 20) Intestinal Parasites of Ducks!
Oct. 23	Q8 & P	QUIZ EIGHT; Student Presentations 13 & 14
Oct. 26	Lecture 17	Molluscan diversity (Ch 20)
Oct. 28	Lecture 18 LAB 9	Janovy Lecture on Monterey Bay Kelp Kelp holdfast: Polychaetes.
Oct. 30	Q9 & P	QUIZ NINE, Student Presentations 15 & 16
Nov. 2	Lecture 19	Ph. Sipuncula and Ph. Arthropoda – Crustacea (Ch 16)
Nov. 4	Lecture 20 LAB 10	Ph. Arthropoda – Crustacea (Ch 16) Kelp holdfast: Mollusca.
Nov. 6	Lecture 21	Amphibian Parasite lifecycles & host specificity ( <b>G. Langford</b> )
<b>Nov 8</b>	<b>LAB 11</b>	<b>SUNDAY Field Trip: Henry Doorly Zoo, Omaha, NE.</b>
Nov. 9	Q10 & P	QUIZ TEN, Student Presentations
Nov. 11	Lecture 22 LAB	Ph. Arthropoda – Cheliceriformes (Ch 19) NO LAB
Nov. 13	Q11 & P	QUIZ ELEVEN, Student Presentations 19 & 20
Nov. 16	Lecture 23	Spider Communication & Behavior ( <b>Dustin Wilgers</b> )
Nov. 18	Lecture 24 LAB 12	Ph. Arthropoda – Myriapoda (Ch 18) <b>Field Trip: University of Nebraska State Museum</b>
Nov. 20	Q12 & P	QUIZ TWELVE, Student Presentations 21 & 22
Nov. 23	Lecture 25	Ph. Echinodermata (Ch 22)
Nov. 25	<b>NO CLASS</b> <b>NO LAB</b>	
Nov. 27	<b>NO CLASS</b>	

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Nov. 30	Lecture 26	Plant/Insect Interactions ( <b>Natalie West</b> )
Dec. 2	Lecture 27 LAB 13	Insects ( <b>Laura Campbell</b> ) Phylum Echinodermata.
Dec. 4	Q13 & P	QUIZ THIRTEEN, Student Presentations 23 & 24
Dec. 7	Lecture 28	Insect Ecology ( <b>Laura Beckers</b> )
Dec. 9	Lecture 29 LAB	Cricket Biology ( <b>Chandreyee Mitra</b> ) LAB FINAL EXAM – NOTEBOOKS DUE
Dec. 11	Q14 & P	QUIZ FOURTEEN, Student Presentations 25 & 26