

BIOL& 212 Majors Animal Biology

Spring Quarter 2025

Please note: this schedule is subject to change and adjustment to suit class needs as the quarter progresses

LECTURE SCHEDULE		LAB SCHEDULE	GROUP WORK
Lecture topics (<i>Prep Assignments due Weds</i>)	DATES	Lab topics	in-person assignments
Principles of development	Week 1 Mar 31-Apr 4	Animal tissues & embryology	Team Activity
Animal development Evolutionary processes	Week 2 Apr 7-Apr 11	Classification, phylogeny, and early animal phyla	Unit Discussion: Animal development
Speciation & the history of life Animal diversity: protostomes	Week 3 Apr 14-Apr 18	Protostomes: the Lophotrochozoa squid dissection, earthworm dissection	Team Activity
Animal diversity: deuterostomes Animal form & function	Week 4 Apr 21-Apr 25	Protostomes: the Ecdysozoa specimen collection for Berlese funnels	Unit Discussion: Vertebrate innovations
Animal nutrition	Week 5 Apr 28-May 2	Lecture Exam 1, May 1st, followed by Protostomes: the Ecdysozoa (cont.) examine Berlese funnel specimens	Team Activity
Water & electrolyte balance, part I Water & electrolyte balance, part II	Week 6 May 5-May 9	Lab Practical 1, May 8th, followed by Deuterostomes: echinoderms and chordates sea star dissection	Unit Discussion: GI tract specializations
Gas exchange & circulation, part I Gas exchange & circulation, part II	Week 7 May 12-May 16	Deuterostomes: amniotes shark dissection, frog dissection	Team Activity
<i>no new lecture material this week -- work on preparing for lab instead!</i>	Week 8 May 19-May 23	Lecture Exam 2, May 22nd, followed by Deuterostomes: amniotes	Team Activity
Animal nervous systems Sensory systems	Week 9 May 26-May 30	Deuterostomes: amniotes rat dissection	Unit Discussion: Neuron function
Movement Reproduction	Week 10 Jun 2-Jun 6	Lab Practical 2, June 5th, followed by Project wrap-up, review for lecture exam	Unit Discussion: Neuromuscular junction
	Week 11 Jun 9-Jun 13	Lecture Exam 3, June 12th Make up exam day, FRIDAY June 13th	
	Finals week Jun 16-Jun 20	Final Exam, TUESDAY June 17th 11:30 am <i>Note that the final exam is on a different day of the week from our regular class!</i>	