

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 (Prep Assignments due Weds)	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>	