

Course schedule (tentative):

This schedule is likely to change. Check Blackboard or <http://donaldwinslow.info> for updates. I will be out of town the week of 9-15 March. You will be expected to work on course assignments during this time.

Date	Topic
14 January	Introduction to course, the scientific method, matter and energy, life
16 January	Introduction to lab, measurement, microscopy (lab)
21 January	Biochemistry, cell structure and function, energy metabolism
23 January	Microscopy, cells and tissues (lab)
28 January	Review for exam (science, life, biochemistry, cell biology), start on reproduction unit
30 January	Cell function, diffusion and osmosis, cellular respiration (lab)
4 February	Exam 1
6 February	Mitosis, meiosis, and development (lab)
11 February	Mitosis and meiosis, gametogenesis, fertilization, development
13 February	Genetics (lab)
18 February	Genetic analysis, human genetic disorders, molecular genetics
20 February	Genetic traits, bacteria (lab)
25 February	Gene regulation, recombinant DNA and genetic engineering, homework 1 due
27 February	Protists (lab)
4 March	Exam 2
6 March	Fungi (lab)
11 March	Winslow gone--work on genetics homework
13 March	Winslow gone--work on genetics homework
18 March	Spring Break (no class)
20 March	Spring Break (no class)
25 March	Genetics problems due, natural selection and evolution, diversification of life
27 March	Plants (lab)
1 April	Origin of life, biological diversity, quasi-organisms, prokaryotes
3 April	Lab practical exam
8 April	Exam 3
10 April	Sponges, cnidarians, and protostome animals (lab)
15 April	Protists, fungi, plants, animals
17 April	Triduum (no class)
22 April	Animal organ systems

Date	Topic
24 April	Deuterostome animals (lab)
29 April	Animal behavior, ecology and conservation
1 May	Tree community ecology exercise (meet in lab and we'll go outside)
6 May	Exam 4
8 May	Final lab practical exam
13 May	Final exam (6-8 pm in usual lecture room)