

**Introductory Biology 152, Lecture schedule – Fall, 2016**  
**MWF 12:05pm – 272 Bascom**

Week	Date	Lecturer	Topic	Readings
2	M	Sep 5	<b>Labor Day – NO CLASSES</b>	
	W	Sep 7	Sharma	What is evolution? pp. 398-402; Chapter 22
	F	Sep 9	Sharma	History of evolutionary thought Chapter 22
3	M	Sep 12	Sharma	Hardy-Weinberg equilibrium Chap. 23.2
	W	Sep 14	Sharma	Evolutionary mechanisms I: Genetic drift Chap. 23.3
	F	Sep 16	Sharma	Evolutionary mechanisms II: Genetic variation Chaps. 21.4, 21.5 & 23.1
4	M	Sep 19	Sharma	Evolutionary mechanisms III: Natural selection Chap. 23.3, 23.4
	W	Sep 21	Sharma	Speciation and adaptive radiation Chap. 24, 26
	F	Sep 23	Sharma	Classifications, phylogenies, and tree thinking Chap. 26
5	M	Sep 26	Sharma	History of life on earth Chap. 25
	W	Sep 28	Sharma	Prokaryotic evolution Chap. 27
	F	Sep 30	Sharma	Animal diversity Chaps. 32, 33
6	M	Oct 3	Sharma	Human evolution Chap. 34.7
	W	Oct 5	Sharma	Evolution of developmental mechanisms Chap. 21.1-21.3, 21.6
	F	Oct 7	Sharma	Review <i>No new readings</i>
7	M	Oct 10	McCulloh	Origin of land plants pp. 612-618
	Tu	Oct 11	<b>Exam 1 – 8:30-10:00pm; Location TBD</b>	
	W	Oct 12	McCulloh	Plant diversity pp. 618-637
	F	Oct 14	McCulloh	Angiosperm reproduction pp. 815-830
8	M	Oct 17	McCulloh	Plant form and growth pp. 752-769
	W	Oct 19	McCulloh	Phototropism pp. 841-844
	F	Oct 21	McCulloh	Leaf structure and function <i>No new readings</i>
9	M	Oct 24	McCulloh	Photosynthetic pathways pp. 187-190, 201-204
	W	Oct 26	McCulloh	Cellular water relations pp. 44-50-, 781-785
	F	Oct 28	McCulloh	Stomatal control and responses pp. 790-793
10	M	Oct 31	McCulloh	Stem structure and function: water transport pp. 786-790
	W	Nov 2	McCulloh	Stem structure and function: metabolite translocation pp. 793-796
	F	Nov 4	McCulloh	Root structure and function: mineral nutrient acquisition pp. 781, 803-813
11	M	Nov 7	McCulloh	Plant adaptations to the environment & climate change <i>No new readings</i>
	W	Nov 9	McCulloh	Plant unit wrap-up <i>No new readings</i>
	F	Nov 11	Keefover-Ring	TBD TBD
12	M	Nov 14	Keefover-Ring	TBD TBD
	Tu	Nov 15	<b>Exam 2 – 8:30-10:00pm; Location TBD</b>	
	W	Nov 16	Keefover-Ring	TBD TBD
	F	Nov 18	Keefover-Ring	TBD TBD
13	M	Nov 21	Keefover-Ring	TBD TBD
	W	Nov 23	Keefover-Ring	TBD TBD
	F	Nov 25	<b>Thanksgiving Break – November 26<sup>th</sup> &amp; 27<sup>th</sup> – NO CLASSES</b>	
14	M	Nov 28	Keefover-Ring	TBD TBD
	W	Nov 30	Keefover-Ring	TBD TBD
	F	Dec 2	Keefover-Ring	TBD TBD
15	M	Dec 5	Keefover-Ring	TBD TBD
	W	Dec 7	Keefover-Ring	TBD TBD
	F	Dec 9	Keefover-Ring	TBD TBD
16	M	Dec 12	Keefover-Ring	TBD TBD
	W	Dec 14	Keefover-Ring	TBD TBD
17	Sa	Dec 17	<b>Exam 3 – 5:05-6:35pm; Location TBD</b>	