

BIOLOGY 3058, LECTURE AND READING SCHEDULE, SPRING 2019

Chapter and Pages are from the **Required Textbook:**
Vander's Human Physiology 15th Edition.

Also required is the Geschwind article on "Language and the Brain" from Scientific American April 1972. For book information and to download Geschwind (1972), go to <http://www.nslc.wustl.edu/courses/Bio3058/handouts.html>

Stein's Physiology Lectures have the prerequisites of Biology 2960 and Chemistry 112A.

Chapters 2 and 3 of Vander 15th Edition provide a review of critical portions of this material and should be reviewed by all students.

Most Lecture Topics are covered during more than one Lecture Date. Each Vander 15th Edition reading associated with a Lecture Topic is listed on a particular line with one of the Lecture Dates associated with each Lecture Topic. The specific pages for each Vander 15th Edition reading may be covered during any of the Lecture Dates for that specific Lecture Topic, however.

Question section refers to the section numbers of the sample questions and answers in the handout. There is no question section 6.

To download the Geschwind article and TA PDFs, go to <http://www.nslc.wustl.edu/courses/Bio3058/bio3058.html>
 username: bio3058; password provided in class;
 for problems with Bio 3058 NSLC website,
 EMail: thuet@wustl.edu

<u>Lecture Number</u>	<u>Lecture Topic</u>	<u>Lecture Date</u>	<u>Vander 15th Edition Chapter: Pages</u>	<u>Question Section</u>
1.....	CONTROL	14-Jan	1:1-18	1
2.....	.....	18-Jan	11:352-356; 17:643-645	
3....	TRANSPORT ...	25-Jan	4:95-114	2
4.....	.....	28-Jan		
5.....	NEURON	1-Feb	5:118-134	4
6.....	.....	4-Feb	6:136-186	
7.....	.....	8-Feb	7:189-205	
8.....	.....	12-Feb	9:262-265	
9.....	.....	15-Feb	10:301-315	
10.....	.....	18-Feb		
11.....	.....	22-Feb		
12.....	MUSCLE.....	25-Feb	9:257-270	3
13.....	.....	1-Mar.....	9: 281-283; 9:293-295	
14....	CIRCULATION ..	4-Mar.....	12:362-418	5
15.....	.....	8-Mar.....	12:431-437	
16.....	.....	18-Mar		
17.....	OXYGEN	22-Mar	13:445-481	7
18.....	.....	25-Mar		
19.....	.....	29-Mar		
20.....	FOOD	1-Apr	15:531-561	9
21...SALT & WATER ..	.....	5-Apr	14:488-510; 14:513-515	8
22.....	.....	8-Apr	4:111-113	
23....	HORMONES.....	12-Apr	5:118-134; 11:320-343	10
24.....	.....	15-Apr	16:572-598	
25.....	.....	19-Apr		
26.	REPRODUCTION ..	22-Apr	17:604-650	12
27.....	BRAIN.....	26-Apr	6:172-175; 7:196-220	11
.....	.....	.....	8:250-251; 10:301-315	