

# HUMAN BIOLOGY I

## PHAR 514

### SCHEDULE OF ACTIVITIES 2007 Fall Semester (Revised 03-05-07)

DATE	TIME/ROOM	ACTIVITY	TOPIC	STAFF
M Aug. 27	11:00-11:10 am 101		Introduction to Human Biology I	Buterbaugh/Love
	11:10-11:50 am 101	Lecture	Histology Overview & Epithelial tissue	Buterbaugh
W Aug. 29	11:00-11:50 am 101	Lecture	Epithelial Tissue and Connective Tissue	Buterbaugh
F Aug. 31	11:00 -11:50 am 101	Lecture	Connective Tissue	Buterbaugh
M Sept. 4			<b>LABOR DAY – No Classes</b>	
W Sept. 5	11:00-11:50 am 101	Lecture	Connective Tissue: Muscle and Nervous Tissue	Buterbaugh
F Sept. 7	11:00-11:50 am 101	Lecture	Muscle and Nervous Tissue	Buterbaugh
			<i>NOTE: Some of the histology and bone images in Blackboard in the HB I self-study folder will be covered on the examination September 25.</i>	
M Sept. 10	11:00-11:50 am 101	Lecture	Anatomy of Bones and Joints	Moreton
T Sept. 11	1:00-1:50 pm 112 PLC	<b>Laboratory</b>	Bones (Groups 9, 10, 11, 12): <b>ON BLACKBOARD</b> (The PLC lab will be open.)	Buterbaugh
T Sept. 11	2:00 -2:50 pm 112 PLC	<b>Laboratory</b>	Bones (Groups 1, 2, 3, 4): <b>ON BLACKBOARD</b> (The PLC lab will be open.)	Buterbaugh
W Sept. 12	11:00-11:50 am 101	Lecture	Bone Physiology and Growth I	Buterbaugh
F Sept. 14	11:00-11:50 am 101	Lecture	Bone Physiology and Growth II	Buterbaugh
M Sept. 17	11:00 am-11:50 pm 101	Lecture	Overview of Musculoskeletal Complaints Rheumatoid Arthritis	Layson-Wolf
M Sept. 17	3:00 – 3:50 pm 112 PLC	<b>Laboratory</b>	Bones (Groups 5, 6, 7, 8): <b>ON BLACKBOARD</b> (The PLC lab will be open.)	Buterbaugh
T Sept. 18	4:00–4:50 pm 112 PLC	<b>Laboratory</b>	Bones (All Shady Grove students)	Buterbaugh
W Sept. 19	11:00 -11:50 am 101	Lecture	Osteoarthritis	Layson-Wolf
F Sept. 21	11:00–11:50 am 101	Lecture	Gout/Hyperurecemia	Layson-Wolf
F Sept. 21	2:00-2:50 pm 101	<b>Case Studies</b>	Arthritis	Layson-Wolf

M Sept. 24	11:00-11:50 am	101	Lecture	General Organization and Functions of the Nervous System	Undie
<b>T Sept. 25</b>	<b>1:00 - 3:50 pm</b>		<b>Examination</b>	<b>Laboratory Practical (Histology &amp; Bones; 8/27 through 9/10 and the bone laboratories; no lecture material will be on the exam)</b> <b>TAKEN ON BLACKBOARD</b>	<b>Buterbaugh</b>
W Sept. 26	11:00-11:50 am	101	Lecture	Cellular Composition and Neuronal Structure	Undie
<b>F Sept. 28</b>	<b>7:30 - 8:50 am</b>		<b>Exam I</b>	<b>Monday August 27 through Monday September 21</b>	<b>Buterbaugh/Love</b>
	<b>101/120</b>			<b>Arthritis Case Studies.</b>	
F Sept. 28	1:00 -1:50 pm	101	Lecture	Neurotransmitters and Neuroreceptors	Undie
F Sept. 28	2:00 -2:50 pm	101	Lecture	Nerve Conduction and Synaptic Function	Undie
M Oct. 1	11:00-11:50 am	101	Lecture	Aging, Disorders and Plasticity of the Nervous System	Undie
T Oct. 2	1:00 -1:50 pm	101	Lecture	Gastrointestinal Anatomy	Buterbaugh
W Oct. 3	11:00-11:50 am	101	Lecture	Regulation of Gastrointestinal Motility	Buterbaugh
F Oct. 5	12:00-12:50 pm	101	Lecture	Mechanisms of Gastrointestinal Secretion	Buterbaugh
<b>F Oct. 5</b>	<b>1:00 – 5:00 pm</b>			<b>SCHOOL PICNIC</b>	<b>SGA</b>
M Oct. 8	11:00- 11:50 am	101	Lecture	Regulation of Gastrointestinal Secretion	Buterbaugh
T Oct. 9	1:00 -1:50 pm	101	Lecture	Diarrhea and Constipation	Layson-Wolf
W Oct. 10	11:00-11:50 am	101	Lecture	Control of Food Intake I	Buterbaugh
F Oct. 12	11:00-11:50 am	101	Lecture	Control of Food Intake II	Buterbaugh
F Oct. 12	2:00 - 4:50 pm	101	<b>Lecture &amp; Case Studies</b>	Inflammatory Bowel Disease (IBD) Diarrhea and Constipation (Groups 1 - 12)	Layson-Wolf and Sturpe
M Oct. 15	11:00-11:50 am	101	Lecture	Liver Function and Dysfunction I	Bauer
<b>W Oct. 17</b>	<b>7:30 – 8:50 am</b>		<b>Exam II</b>	<b>Monday September 24 (ANS) through 11:00pm</b>	<b>Buterbaugh/Love</b>
	<b>101/120</b>			<b>Friday October 12 lecture (Control of Food Intake II)</b>	<b>(Diarrhea and Constipation will be on Exam III.)</b>
W Oct. 17	11:00- 11:50 am	101	Lecture	Liver Function and Dysfunction II	Bauer
W Oct. 17	1:00 - 11:50 am	101	Lecture	Acid/Peptic Disorders	Rochester
Th Oct. 18	2:00 pm			<i>Literature Article for Paper Approved</i>	Buterbaugh
F Oct. 19	1:00 - 2:50 pm	101	<b>Case Studies</b>	Gastrointestinal Disease (Groups 1 - 12)	Rochester

**10/22 – 10/26: PRACTICE SITE VISITATION WEEK - No First Year Classes Scheduled**

M Oct. 29	11:00-11:50 am	101	Lecture	Structure and Function of Skin	Shapiro
W Oct. 31	11:00-11:50 am	101	Lecture	Skin Diseases	Lee

F Nov. 2	11:00-11:50 am	101	Lecture	Neuromuscular Transmission	Shapiro
M Nov. 5	11:00-11:50 am	101	Lecture	Excitation-Contraction Coupling	Shapiro
W Nov. 7	11:00-11:50 am	101	Lecture	Contractile Mechanisms - Smooth & Cardiac Muscle	Shapiro
F Nov. 9	11:00-11:50 am	101	Lecture	Neuromuscular Disease	Noel
F Nov. 9	2:00 -3:50 pm	101	<b>Lecture and Case Studies</b>	Neuromuscular Disease	Noel
M Nov. 12	11:00-11:50 am	101	Lecture	Circulating Body Fluids	Luo
W Nov. 14	11:00 -11:50 am	101	Lecture	Cellular Elements of Blood	Luo
F Nov. 16	11:00-11:50 pm	101	Lecture	Homeostatic (Blood Clotting) Mechanisms	Luo
M Nov. 19	11:00 -11:50 am	101	Lecture	Thromboembolic Disorders	Haines
<b>W Nov. 21</b>	<b>7:30 – 8:50 am</b>		<b>Exam III</b>	<b>Tuesday October 9 (Diarrhea &amp; Constipation) through Friday November 9</b>	<b>Buterbaugh/Love</b>
	<b>101/120</b>				
W Nov. 21	1:00 -2:50 pm	101	<b>Case Studies</b>	Thromboembolic Disorders (Groups 1 - 12)	Haines
<b>THANKSGIVING RECESS – 11/22 &amp; 11/23</b>					
M Nov. 26	11:00-11:50 am	101	Lecture	Anemia	Trovato
W Nov. 28	11:00-11:50 am	101	Lecture	Adrenal-Pituitary Anatomy	Shapiro
F Nov. 30	1:00 – 2:50 pm	101	<b>Case Studies</b>	Anemia (Groups 1 - 12)	Trovato
M Dec. 3	11:00-11:50 am	101	Lecture	Adrenal-Pituitary Functions I	Shapiro
W Dec. 5	11:00-11:50 am	101	Lecture	Adrenal-Pituitary Functions II	Shapiro
Th Dec. 6	2:00 pm			<i>Paper Due Today</i>	Buterbaugh
F Dec. 7	11:00-11:50 am	101	Lecture	Adrenal-Pituitary Disorders	Zuckerman
M Dec. 10	11:00-11:50 am	101	Lecture	Thyroid Anatomy and Functions	Haines
T Dec. 11	11:00-11:50 am	101	Lecture	Parathyroid Functions and Ca <sup>++</sup> Homeostasis	Buterbaugh
W Dec. 12	11:00 11:50 am	101	Lecture	Thyroid and Parathyroid Disorders	Haines
<b>W Dec. 19</b>	<b>8:00 – 9:50 am</b>		<b>Exam IV</b>	<b>Monday November 12 through Wednesday December 12</b>	<b>Buterbaugh/Love</b>
	<b>101/120</b>				