

WILLIAM & MARY  
DEPARTMENT OF KINESIOLOGY  
Kinesiology 303, Human Anatomy  
Fall 2022

Instructor: Evie Burnet, PT, DPT, PhD  
Email: [enburnet@wm.edu](mailto:enburnet@wm.edu)  
Office Hours: By appointment

### **Course Description**

This course provides the student with a detailed view of the human body. Emphasis will be placed on the skeletal, articular, muscular, cardiorespiratory, and nervous systems of the body. The digestive, urinary, and reproductive systems are also covered.

### **Course Objectives**

Upon successful completion of this course the student will be able to:

1. Describe, in detail, the skeletal, articular, nervous, and muscular systems of the human body.
2. Describe the major components of the circulatory, digestive, respiratory, urinary, and reproductive systems.
3. Understand anatomical terms of direction and movement.
4. Relate the muscles and bones seen in the laboratory dissection to those of the living body.
5. Relate the contraction of muscles with the movements that are produced.

### **Prerequisites and/or Course Requirements**

Students enrolled in this course should have demonstrated successful completion of KINE 200, BIOL 220, BIOL 204, BIOL 225, or BIOL 203. KINE 314/315 Anatomy Laboratory is not required for this course.

### **Recommended Text**

Martini, Tallitsch, and Nach. Human Anatomy, 9th ed., (or the 6<sup>th</sup>, 7<sup>th</sup> or 8<sup>th</sup> edition)  
Pearson Benjamin Cummings Publisher. **\*\*Any edition is fine.\*\***

**If you prefer an E-text for \$9.99/month, please utilize the following link.**

<https://www.pearson.com/store/en-us/pearsonplus/p/9780135212936.html>

### **Grading**

Exam 1	20 %
Exam 2	20 %
Exam 3	20 %
Final	20 %
Checkpoints	20 %

All final grades are rounded to the nearest whole number (ex: 84.4 becomes an 84; 84.5 becomes an 85). In the event of a curve, changes to the scale will be posted to Blackboard. Please note that the "Total" column in Blackboard **DOES NOT** correctly show your weighted average for the course. The following grading scale applies:

Letter	Numerical Grade
A	93-100
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	Below 60

### **Class Requirements/Policies**

Class announcements will be posted on Blackboard or students will be notified by email when changes or additions are made to the syllabus or course on Blackboard.

***Checkpoints and Movement Analysis assignments will be turned in by 11:59 pm EST*** on the due date. Late assignments will only be accepted when a valid excuse has been ***preapproved***.

All exams will be taken through Blackboard utilizing HonorLock software, which needs to be downloaded prior to the exam. Should changes need to be made to your exam time/day, these arrangements need to be made ***prior to the absence***.

William & Mary accommodates students with disabilities in accordance with federal laws and university policy. Any student who feels they may need an accommodation based on the impact of a learning, psychiatric, physical, or chronic health diagnosis should contact Student Accessibility Services staff at 757-221-2512 or at sas@wm.edu to determine if accommodations are warranted and to obtain an official letter of accommodation. For more information, please see [www.wm.edu/sas](http://www.wm.edu/sas).

William & Mary has had an honor code since at least 1779. Academic integrity is at the heart of the university, and we all are responsible for upholding the ideals of honor and integrity. The student-led honor system is responsible for resolving any suspected violations of the Honor Code, and I will report all suspected instances of academic dishonesty to the honor system. The *Student Handbook* ([www.wm.edu/studenthandbook](http://www.wm.edu/studenthandbook)) includes your responsibilities as a student and the full Code. Your full participation and observance of the Honor Code is expected. ***All academic work, including topic checkpoints, assignments, and exams, is to be your own work. Therefore, group work and use of previous course material to include but not be limited to checkpoints, assignments and exams are not permitted. When in doubt, it is your responsibility to confirm whether collaboration is permitted.***

## Tentative Class Schedule

Add/Drop Deadline: 9/12 at 11:59pm

Withdrawal Deadline: 10/31 at 11:59pm

	<b>Associated Readings</b>	<b>Due Dates</b>
<b><i>Exam 1 Material</i></b>		<b><i>31 August to 23 September</i></b>
Topic 1: Introduction, Organization of the Body	p. 1-26	8/31
Topic 2: Tissues of the Body	p. 53-89	9/2
Topic 3: Integumentary System	p. 90-114	9/7
Topic 4: Osteology	p. 115-138	9/9
Topic 5: Arthrology	p. 211-242	9/12
Topic 6: Knee Joint	p. 231-234	9/14
Topic 7: Myology	p. 243-266	9/16-9/19
<b>Checkpoints (Topics 1 – 7)</b>		<b>By 22 September at 11:59pm EST</b>
<b>Exam #1 (Topics 1 – 7)</b>		<b>23 September</b>
<b><i>Exam 2 Material</i></b>		<b><i>21 September to 12 October</i></b>
Topic 8: Knee Joint Muscles	p. 311-315	9/21
Topic 9: Ankle and Foot Joints, Lower Leg and Foot Muscles	p. 218, 235 – 237	9/26-9/28
Topic 10: Hip Joint and Muscles Controlling the Hip Joint	p. 216, 228-230, 308-311	9/30-10/3
Topic 11: Pelvic Girdle and Muscles Controlling the Pelvic Girdle	p. 186-193, 308-311	10/5-10/7
<b>Checkpoints (Topics 8 – 11)</b>		<b>By 11 October at 11:59pm EST</b>
<b>Exam #2 (Topics 8 – 11)</b>		<b>12 October</b>
<b><i>Exam 3 Material</i></b>		<b><i>10 October to 4 November</i></b>
Topic 12: Upper Extremity Overview; Shoulder Joint and Shoulder Girdle	p. 182 - 185, 216-217, 223 - 225	10/10
Topic 13: Shoulder Joint and Girdle Muscles	p. 291-298	10/17-10/19
Topic 14: Elbow Joint and Muscles	p. 225-227, 299-300	10/21
Topic 15: Radioulnar, Wrist and Hand Joints; Forearm and Hand Muscles	p. 189, 225-228, 299-307	10/24-10/26
Topics 16 and 17: Vertebral Column; Abdominal, Back and Other Muscles	p. 166-177, 277-282	10/28-10/31
<b>Checkpoints (Topics 12 – 17)</b>		<b>By 3 November at 11:59pm EST</b>
<b>Exam #3 (Topics 12 – 17)</b>		<b>4 November</b>

<b><i>Exam 4 Material</i></b>		<b><i>2 November to 13 December</i></b>
Topic 18: Heart and Circulatory System	p. 547-579	11/2-11/9
Topic 19: Lymphatic System	p. 607-626	11/11
Topic 20: Respiratory System	p. 629-653	11/11-11/14
Topic 21: Digestive System	p. 657-694	11/16
Topic 22: Urinary System	p. 695-715	11/18
Topic 23 and 24: Neurology and the Brain	p. 346-366, 405-435	11/21 (Virtual) -12/2
Topic 25 and 26: Spinal Cord, Pathways, and Special Senses	p. 367-377, 436-447, 392-402, 470-475, 386-389, 452-469, 476-502	12/5-12/9
<b>Checkpoints (Topics 18 – 26)</b>		<b>By 12 December at 11:59pm EST</b>
<b>Final Exam (Topics 18 – 26)</b>		<b>13 December by 12:00 pm</b>