Note:

Course content may be changed, term to term, without notice. The information below is provided as a guide for course selection and is not binding in any form, and should not be used to purchase course materials.
COURSE SYLLABUS
BIOM 523
HUMAN GROSS ANATOMY

COURSE DESCRIPTION
This is an intensive course that covers all aspects of human anatomy through lectures, followed by practical application using cadavers. In addition, imaging techniques including CT scans and x-ray radiography are used to introduce the student to the physician’s perspective.

RATIONALE
This course is foundational to the understanding of the structure and function of the human body. It provides the necessary framework upon which other biomedical courses develop and expand the knowledge needed for the student planning on a career in the healthcare community.

I. PREREQUISITE
For information regarding prerequisites for this course, please refer to the Academic Course Catalog.

II. REQUIRED RESOURCE PURCHASE
Click on the following link to view the required resource(s) for the term in which you are registered: http://bookstore.mbsdirect.net/liberty.htm

III. RECOMMENDED RESOURCE PURCHASE

Note: This text is required for BIOM 524.

IV. ADDITIONAL MATERIALS FOR LEARNING
A. Computer with basic audio/video output equipment
B. Internet access (broadband recommended)
C. Microsoft Office

V. MEASURABLE LEARNING OUTCOMES
Upon successful completion of this course, the student will be able to:
A. Describe the structure of the nervous system.
B. Identify the superficial and deep structures of the back, thorax, abdomen, pelvis, head, and neck.
C. Describe the structure and function of the cardiovascular system.
D. Identify the major components of the lymphatic system and their functions.
E. Describe the structure and function of the respiratory system.
F. Identify the various digestive organs and their functions.
G. Explain the workings of the urinary system in regard to fluid electrolyte balance.
H. Describe the structure and function of the male and female reproductive systems.

VI. COURSE REQUIREMENTS AND ASSIGNMENTS
A. Textbook readings and lecture presentations
B. Course Requirements Checklist
   After reading the Course Syllabus and Student Expectations, the student will complete the related checklist found in Module/Week 1.
C. Discussion Board Forums (2)
   Discussion boards are collaborative learning experiences. Therefore, the student will create a thread in response to the provided prompt for each forum. Each thread must be at least 300 words and demonstrate course-related knowledge. In addition to the thread, the student will reply to the threads of at least 2 classmates. Each reply must be at least 150 words.
D. Video Assignment
   The student will create a YouTube video presentation on an organ of the body. The student will include a description of the anatomy, physiology, and common pathologies of the organ. The video presentation must be 5–10 minutes and include at least 3 references in addition to the course textbooks and the Bible.
E. Exams (6)
   Each exam will cover the Reading & Study material for the assigned module/week. Each exam will be open-book/open-notes, contain fill-in-multiple-blanks, fill-in-the-blank, and multiple-choice questions, and have a time limit as follows:
      Exam 1 One Hour and 30 minutes
      Exam 2 One hour and 15 minutes
      Exam 3 One Hour and 15 minutes
      Exam 4 One Hour and 40 minutes
      Exam 5 Two Hours
      Exam 6 One Hour and 15 minutes
F. Midterm Exam and Final Exam
   The Midterm Exam will cover the information from Modules/Weeks 1–5 and the Final Exam will cover the information from Modules/Weeks 6–8. Each exam will
be closed-book/closed-notes, contain fill-in-multiple-blanks, fill-in-the-blank, and multiple-choice questions, and have a time limit of 2 hours.

VII. **COURSE GRADING AND POLICIES**

A. **Points**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Points</th>
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<tbody>
<tr>
<td>Course Requirements Checklist</td>
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<tr>
<td>Discussion Board Forums (2 at 25 pts ea)</td>
<td>50</td>
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<tr>
<td>Video Assignment</td>
<td>50</td>
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<tr>
<td>Exams (6 at 100 pts ea)</td>
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<tr>
<td>Midterm Exam (Modules 1–5)</td>
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<tr>
<td>Final Exam (Modules 6–8)</td>
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<td><strong>Total</strong></td>
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B. **Scale**

C+ = 770–799  C = 730–769  C- = 700–729  D = 600–699  F = 0–599

C. **Late Assignment Policy**

If the student is unable to complete an assignment on time, then he or she must contact the instructor immediately by email.

Assignments that are submitted after the due date without prior approval from the instructor will receive the following deductions:

1. Late assignments submitted within one week of the due date will receive a 10% deduction.
2. Assignments submitted more than one week late will receive a 20% deduction.
3. Assignments submitted two weeks late or after the final date of the course will not be accepted.
4. Late Discussion Board threads or replies will not be accepted.

Special circumstances (e.g. death in the family, personal health issues) will be reviewed by the instructor on a case-by-case basis.

D. **Disability Assistance**

Students with a documented disability may contact Liberty University Online’s Office of Disability Academic Support (ODAS) at LUOODAS@liberty.edu to make arrangements for academic accommodations. Further information can be found at www.liberty.edu/disabilitysupport.
# COURSE SCHEDULE

**BIOM 523**


<table>
<thead>
<tr>
<th>MODULE/WEEK</th>
<th>READING &amp; STUDY</th>
<th>ASSIGNMENTS</th>
<th>POINTS</th>
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<tr>
<td>1</td>
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<td>Video Assignment Exam 5</td>
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<td>7</td>
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<tr>
<td>8</td>
<td>1 presentation</td>
<td>Final Exam</td>
<td>150</td>
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</table>

**TOTAL 1010**

DB = Discussion Board

**NOTE:** Each course module/week begins on Monday morning at 12:00 a.m. (ET) and ends on Sunday night at 11:59 p.m. (ET). The final module/week ends at 11:59 p.m. (ET) on **Friday**.