Marshall University Syllabus
College of Science
Biological Science

Course: *BSC 332L – Principles of Human Anatomy Lab:* **Credits:** 1

Course Description: Laboratory companion course to BSC 332. Investigation of key physiological systems with focus on data acquisition and analysis.

Prerequisites: BSC 121 with a minimum grade of C and BSC 121L with a minimum grade of C and BSC 332L (may be taken concurrently with BSC 332L) **Note** that BSC 332 and 332L are concurrent prerequisites, therefore***, if you decide to withdraw from one, you must also withdraw from the other.***

Term/Year: **Spring 2023**
Class Meeting Days/Times: Monday (101) and Wednesday (102) 1:00 am to 3:50 pm
Location: S266

Academic Calendar: For beginning, ending, and add/drop dates, see the Marshall University Academic Calendar (URL: http://www.marshall.edu/academic-calendar/).

Instructor: Tyler Blake

Contact Information

- Office Hours: Tuesday and Thursday from 9am to 11am in S266 *or* S279 (be sure to check both rooms)
- Email: blake238@marshall.edu

COVID-19 Related Information:
Marshall's official COVID-19 protocols are online at https://www.marshall.edu/coronavirus (URL: https://www.marshall.edu/coronavirus/). Policies and protocols may change over time as we respond to changing conditions. The website will always contain the most recent information – check it frequently for the most current information.
Key policies and practices at the start of the Fall 2023 semester include the following:

- **Wear a mask inside university buildings, *when required*.** To see the campus current masking status, visit Marshall's COVID-19 Dashboard (www.marshall.edu/coronavirus). Masks are not required in personal residence hall rooms or workspaces.

- **Students will disinfect their personal workspaces and virtual learning hubs** with disinfectant wipes provided nearby.

- **All members of the Marshall University community are expected to observe all COVID-19 protocols at all times. Students who are unable to follow University**

requirements due to a disability should seek reasonable accommodations from the Office of Disability Services (ODS; disabilityservices@marshall.edu) during the first week of class.

Required Texts and Materials: Moore's Clinically Oriented Human Anatomy (Any Edition).

Required and/or Recommended Texts and Materials: Dissection manuals and other instructions will be posted on Blackboard **and we will use Human Biodigital for 3D models.**

Course Student Learning Outcomes: The table below shows the following relationships: How each student learning outcome will be practiced and assessed in the course.

Course student learning outcomes	**How students will practice each outcome in this course**	**How student achievement of each outcome will be assessed in this course**
Students will describe anatomical regions from the histological level to whole organism.	Practice exams, in class exercises	Knowledge exam questions
Students will apply the scientific method to integrate anatomical systems with functional and embryological knowledge, and derive novel connections	In class assignments and discussion, in class exercises	Integrative and application exam questions
Students will integrate information between anatomical systems and anatomical regions, and infer how an organism works as a holositic whole.	In class data sets, reading assignments, low stakes assignments	Integrative exam questions.
Students will develop critical thinking skills.	In class literature examples, low stakes assignments	Integrative and application exam questions

Course Requirements/Due Dates: Please see the course schedule below
Grading Policy**:** Assessment will be through a number of short in-class quizzes and two lab practia. The aforementiond quizzes will be performed on Blackboard. Attendance is mandatory.

Quizzes/short assignments:	50%
Practicum 1	25%
Practicum 2	25%
Total:	100%

Final grades: 100 - 90 = A; 89 - 80 = B; 79 - 70 = C; 69 - 60 = D; <59 = F.

Lab Practica: Two practical assessments will be given during the year to test students' knowledge of covered material. Each practicum will be worth 25% of the student's grade for the laboratory course. Questions could come from virtual models, physical models, or wet specimens from dissections. Students that wish to study outside of lab hours should come to the lab during the instructor's office hours or email the instructor to request time outside of the designated office hours. Studying outside of lab hours is ***strongly recommended*** for students wishing to do well in the course.

Attendance/Participation Policy: Attendance to the laboratory is mandatory. You may ONLY come to the assigned time of YOUR lab. Plan to spend the entire scheduled period in the laboratory. You will be required to remain in the lab until your group is finished working. Anyone who leaves before their group is finished will be counted as absent, and will miss the points for those labs.Due to high use of the laboratory space, we cannot set up lab exercises at times other than your scheduled period, and you cannot attend another lab section. Therefore, if you miss a lab, you miss those points. If you have a University approved absence, you can obtain data and assignment instructions from your instructor so that you can complete the assignments. *It is your responsibility to inform your lab instructor of your absence and to contact them to reschedule a makeup or arrange for getting the data. Except in cases of dire emergency, you must contact your instructor in advance of your lab time informing them that you will be absent and why. From the date of your absence, you will have 1 week to have your absence approved by Student Affairs and sent to the instructor. Even if you have a university excused absence, you must complete the scheduled assignments.* It is your responsibility to be familiar with the full University policy, which can be found in the academic catalog: https://www.marshall.edu/academic-affairs/policies

University/Lab Policies: While in the laboratory, you are to work on the assigned projects for that period; work on other courses or assignments is not allowed. You must sign the safety acknowledgement form handed out in lab in order to be permitted to take the BSC 332L laboratory.

Some labs will require you to work in pairs or small groups. However, your lab reports and assignments are to be done on an **individual basis.** Duplication of work in any form will be considered academic dishonesty. This will result in a grade of zero for that assignment, and possible further disciplinary action.

By enrolling in this course, you agree to the University Policies. Please read the full text of each policy (listed below) by going to MU Academic Affairs: University Policies. (URL: http://www.marshall.edu/academic-affairs/policies/)

- Academic Dishonesty Policy
- Academic Dismissal Policy
- Academic Forgiveness Policy
- Academic Probation and Suspension Policy
- Affirmative Action Policy
- Dead Week Policy
- D/F Repeat Rule
- Excused Absence Policy for Undergraduates
- Inclement Weather Policy
- Sexual Harassment Policy
- Students with Disabilities (Policies and Procedures)
- University Computing Services Acceptable Use Policy

COURSE SCHEDULE:

Week/Date	**Lab**
Aug. 21 – Aug. 25	Lab 1: Introduction & Lab 2: Back
Aug. 28 – Sept. 1	Lab 3: Upper Limb
Sep. 4 – Sep. 8	**LABOR DAY** (no lab)
Sep. 11 – Sep. 15	Lab 4: Thorax
Sep. 18 – Sep. 22	Lab 5: Pluck Dissection
Sep. 25– Sep. 29	**Practicum 1**
Oct. 2 – Oct. 6	Lab 6: Abdomen
Oct. 9 – Oct. 13	Lab 7: Pelvis, Perineum, and Kidney Dissection
Oct. 16 – Oct. 20	Lab 8: Lower Limb
Oct. 23 – Oct. 27	Lab 9: Head & Neck (Part 1)
Oct. 30 – Nov. 3	Lab 10: Head & Neck (Part 2)
Nov. 6 – Nov. 10	Lab 11: Brain Dissection
Nov. 13 – Nov. 17	**Practicum 2**
Nov. 20 – Nov. 24	**THANKSGIVING BREAK** (no lab)
Nov. 27 – Dec. 1	Extra Credit Heart Dissection
Dec. 4 – Dec. 8	**FINALS WEEK** (no lab)