

Human Anatomy Lab

BIOL - 2325 301

Engagement Plan

Office Hours: Schedule through Canvas

Communication Information: The BEST way to reach me is via the Canvas email system. I will respond to all emails within 2 business days. Make sure that you set your notification preferences in the Canvas system, found under your Account profile. I will be posting Canvas announcements regarding weekly expectations and any changes to this syllabus or the course. Please be sure to check announcements frequently.

Course Description

Required lab component of BIOL 2320. Hands-on evaluation of anatomical structures using microscopes and dissection. Human cadavers, histology slides and human/animal body parts are used as study materials. One laboratory session per week.

Co-Requisite: BIOL 2320

Semester: All

Course Presentation

This course is delivered in person, once per week.

Course Student Learning Outcomes

- Identify and label the different tissues and any special features in each from slides, photos and models.

- Identify the bones of the axial and appendicular skeletons and important bone markings on each; observe and dissect a fresh long bone from a cow.
- Identify selected muscles on models and/or cadavers; when indicated, identify the action and attachments for each muscle.
- Identify listed structures of the human brain on classroom models; dissect a sheep brain and identify key structures.
- Identify structures in the gross anatomy of the spinal cord on both models and cadavers or wet specimens.
- Identify structures from the human eye and ear on models; dissect a fresh cow eye and identify key structures.
- Observe and identify the human heart and other major structures in the thoracic cavity of a human cadaver and on models of a human heart; perform a dissection on a sheep heart.
- Identify structures and vessels involved in pulmonary and systemic circulation on a cadaver and classroom models. Examine histology slides of the organs of the respiratory, digestive, urinary, and reproductive systems and identify key components.
- Identify key structures of the respiratory, digestive, urinary, and reproductive systems on models and cadavers.

Required Course Materials

Lab Manual: The required lab manual can be found on our [course website](#), **for free**, under the '[Lab Manual](#)' heading. If you'd like an optional hard copy of the laboratory manual, you can purchase one through the college bookstore; (Title: Human Anatomy Lab Manual, ISBN: 9781533948137). The term list tables in the lab manual represent the terminology/structures you are required to learn (memorize) for this lab course. There are also body donor images on a password-protected page, '[Restricted Content](#)'; **password = anatomyslcc**.

Gloves: You must provide your own non-latex, powder-free gloves and are required to use when handling the body donors and specimens. No exceptions.

General Course Policies

Attendance Requirement: If you do NOT attend the lab the first week, YOU RISK BEING DROPPED from the course (both lecture and lab) by the end of the first week. You must notify your lab instructor if you cannot make it to the first lab. This is an in-person lab, and you must meet face-to-face each week.

Americans with Disabilities Act: SLCC values inclusive learning environments and strives to make all aspects of the College accessible to our students. If you have a disability and believe you need accommodations to improve access to learning materials or the learning environment, please contact the Accessibility & Disability Services: (phone) 801-957-4659; ([email](#)); ([website](#)).

Incomplete Grade and Withdraw from Class: Since BIOL2325 lab is Non-Graded (NG), lab instructors cannot assign course grades and therefore cannot assign incomplete grades, but your lecture instructor can. A grade of "I" (Incomplete) is the lecture instructor's option and is not given except only in the most extenuating of circumstances for which there is verifiable written documentation. To receive an incomplete, nearly all coursework must have been completed (e.g., ~75%) with a passing grade.

As students, you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the [Student Academic Calendar](#). It is the responsibility of the student to drop/withdraw from this class, not the instructor.

Make-up Labs and Late Work: Students are permitted to make up ONE lab (or TWO total for ADS accommodated absences) during the semester but only during the week that the specific lab activity is being conducted. In other words, if you miss YOUR lab one week you can go to another lab section that same week to make it up, with the permission of the make-up instructor. You may only do this once per semester (or TWO total for ADS-accommodated absences). Use the [lab schedule and instructor contact info](#) to find an alternative make-up lab and email the instructor for permission to attend. We built into Canvas a "drop the lowest in-lab quiz" and "lab" for the semester for unplanned absences. **There are no 'make-up' labs outside of the weeks for the midterm or final, no exceptions.**

- The teaching of each lab activity is systemic, each week builds upon the prior, and missing even one week would significantly alter the Essential Functions of the class.
- Due to the hands-on practical nature and setup of the lab, the lab activity can be made up during the week the lab activity is being performed.
- Anatomy labs require supervision by only BIOL2320/2325 instructors, and both lessons and assessments are practical (meaning, there will be instruction and questions from dissected specimens, body donors, and models).
- Lab time in each of our anatomy labs is booked most class days, either with a scheduled lab or with an open lab, so there isn't much flexibility in lab time outside of scheduled labs.
- We would like to suggest that ADS students attempt to schedule their 2325 labs early in the week (T would be ideal), so that they will have opportunities to make up a lab during the same week should a disability-related absence occur, and request the lab schedule for disability-related make-ups early from their instructors (for instance, Monday labs are the LAST lab of the week for the first of fall semester, and an ADS student would need to know that).

Academic Dishonesty: Academic Dishonesty is NOT tolerated and includes all forms of cheating and plagiarism as outlined in the Code of Student Rights and Responsibilities. There is NO tolerance for dishonesty. The penalty for the first offense will be a grade of "0" on the assignment or exam and the second offense may result in an "E" for the course.

Classroom recordings: Students may not record or publish information from the class without written authorization from the instructor. If used without authorization you have violated Privacy/Intellectual Property Rights.

Body Donor Care: Photography, recording, screenshots, downloading or any reproduction of any type of donor-related material without the express permission of the University of Utah Body Donor Program is expressly forbidden. Any violation of this regulation will result in immediate dismissal from the course.

[Grading Scale](#)

This lab is a Non-Graded (NG) designation. You will not receive a letter grade for this course. Your lecture section has the Graded designation. The laboratory percentage constitutes 25% of the overall BIOL 2320 grade, your lecture is 75%.

Laboratory performance will be assessed based on lab engagement through various activities and assessments. Students are expected to participate in the laboratory each week. Students should read the lab manual before attending the lab. Laboratory methodologies will vary from week to week, depending upon the nature of the laboratory exercise, but will include both individual and collaborative efforts. The laboratory percentage constitutes 25% of the overall BIOL 2320 grade, your lecture is 75%. You will not receive a letter grade for this lab.

***(Example grade calculation if you had 86.12% in lecture and 68.53% in lab:
 $86.12(0.75) + 68.53(0.25) = 81.72\%$)***

Assessment table and percentage points for the course

Assessment	Percentage Points
Online Pre/Post-lab Activities	10%
In-lab Collaborative Engagement Activities	30%
Assessments	60%
Extra Credit Opportunities	2.5%
Total Possible Percentage Points	*102.5%

***The lab grade entered at the end of the semester to calculate the final lecture grade maxes out at 100%.**

Description of Assignments/Exams

Weekly Assessments: Weekly, ~10-question assessments will be administered in person after the completion of the previous week's activity. For example, an assessment based on Activity 3 lab manual terminology will be administered in class during the week of Activity 4's lab. You may drop your lowest weekly assessment score.

Cumulative Lab Midterm Practical: It is a timed exam taken at your regular lab day/time (no need to schedule). Due to the hands-on nature and setup required of the practical, there are no 'make-up' labs for the midterm practical, no exceptions. The midterm assessment consists of ~50 questions divided equally-ish among Activities 1-6 lab manual terminology.

Cumulative Lab Final Practical: It is a timed exam taken at your regular lab day/time (no need to schedule). Due to the hands-on nature and setup required of the practical, there are no 'make-up' labs for the final cumulative practical, no exceptions. The final cumulative assessment consists of ~60 questions with 2 questions each from Activities 1-6 and the rest coming from Activities 7-12 divided equally-ish. There is also a blood trace in addition to the ~60 questions.

Laboratory Schedule: Use the list of lab activities below and the [calendar](#) found at slccanatomy.com to determine when you will perform each activity in your respective labs.

[SLCC Student Academic Calendar](#) of important dates including registration, tuition payments, holidays and significant deadlines.

[Free STEM Tutoring](#)

STEM Learning provides free tutoring services and textbook checkout to students enrolled in various courses offered by the School of Science, Math, and Engineering.

Tutoring is provided as a drop-in service only, except in certain circumstances.

Please visit <https://www.slcc.edu/stem/tutoring/index.aspx> for more information!

[How to Navigate to Canvas](#)

[Institutional Policies](#)

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling

Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Activity 1, Table 1A Practice Quiz	Quiz	0
	Activity 1, Table 1B Practice Quiz	Quiz	0
	Activity 1, Tables 2-5 Practice Quiz	Quiz	0
	Activity 10, Table 4 Practice Quiz	Quiz	0
	Activity 10, Table 5 Practice Quiz	Quiz	0
	Activity 10, Table 6 Practice Quiz	Quiz	0
	Activity 10, Table 7 Practice Quiz	Quiz	0
	Activity 10, Tables 1-3 Practice Quiz	Quiz	0
	Activity 11, Tables 1&2 Practice Quiz	Quiz	0
	Activity 11, Tables 3&4 Practice Quiz	Quiz	0
	Activity 11, Tables 6-8 Practice Quiz	Quiz	0
	Activity 11, Tables 9&10 Practice Quiz	Quiz	0

Due Date	Assignment Name	Assignment Type	Points
	Activity 12, Tables 1&2 Practice Quiz	Quiz	0
	Activity 12, Tables 3&4 Practice Quiz	Quiz	0
	Activity 2, Table 1 Practice Quiz	Quiz	0
	Activity 2, Table 2A Practice Quiz	Quiz	0
	Activity 2, Table 2B Practice Quiz	Quiz	0
	Activity 2, Table 5 Practice Quiz	Quiz	0
	Activity 2, Tables 3&4 Practice Quiz	Quiz	0
	Activity 3, Table 2B Practice Quiz	Quiz	0
	Activity 3, Table 2C Practice Quiz	Quiz	0
	Activity 3, Tables 1 and 2A Practice Quiz	Quiz	0
	Activity 3, Tables 3&4 Practice Quiz	Quiz	0
	Activity 4, Table 1 and Bones Practice Quiz	Quiz	0
	Activity 4, Tables 2&3 Practice Quiz	Quiz	0
	Activity 4, Tables 4&5 Practice Quiz	Quiz	0

Due Date	Assignment Name	Assignment Type	Points
	Activity 4, Tables 6&7 Practice Quiz	Quiz	0
	Activity 5, Table 1 Practice Quiz	Quiz	0
	Activity 5, Tables 2-3 Practice Quiz	Quiz	0
	Activity 5, Tables 4-8 Practice Quiz	Quiz	0
	Activity 5, Tables 8&9 Practice Quiz	Quiz	0
	Activity 6, Tables 1-3 Practice Quiz	Quiz	0
	Activity 6, Tables 4-7 Practice Quiz	Quiz	0
	Activity 6, Tables 8-11 Practice Quiz	Quiz	0
	Activity 7, Table 10 Practice Quiz	Quiz	0
	Activity 7, Tables 1-4 Practice Quiz	Quiz	0
	Activity 7, Tables 4-9 Significances Practice Quiz	Quiz	0
	Activity 7, Tables 5-9 ID Practice Quiz	Quiz	0
	Activity 8, Table 3 ID Practice Quiz	Quiz	0

Due Date	Assignment Name	Assignment Type	Points
	Activity 8, Table 3, Plexuses and Nerves Significances Practice Quiz	Quiz	0
	Activity 8, Tables 1&2 Practice Quiz	Quiz	0
	Activity 8, Tables 4-8 Practice Quiz	Quiz	0
	Activity 9, Table 4A Practice Quiz	Quiz	0
	Activity 9, Table 4B and 5 Practice Quiz	Quiz	0
	Activity 9, Tables 1-3 Practice Quiz	Quiz	0
	Activity 9, Tables 6&7 Practice Quiz	Quiz	0
	Activity 9, Tables 8&9 Practice Quiz	Quiz	0
	Introduce Yourself	Discussion	0
	Introduce Yourself	Discussion	0
	Introduce Yourself	Discussion	0
	Practice Blood Trace 1	Quiz	0
	Practice Blood Trace 2	Quiz	0
	Practice Blood Trace 3	Quiz	0

Due Date	Assignment Name	Assignment Type	Points
	Practice Blood Trace 4	Quiz	0
	Practice Blood Trace 5	Quiz	0
	Practice Blood Trace 6	Quiz	0
	Zoom Recordings	Discussion	0
	Zoom Recordings	Discussion	0
8/30/25	Online Course/Syllabus/FAQ Quiz	Quiz	20
8/30/25	Pre-Cadaver Quiz	Quiz	1
8/30/25	Welcome Module Discussion	Discussion	1
8/31/25	Lecture Notes - Activity 1 & Epithelial Tissues	Assignment	10
9/6/25	Engagement Activity - Activity 1 & Epithelial Tissues	Assignment	10
9/7/25	Lecture Notes - Activity 2	Assignment	10
9/8/25	Weekly In Class Quiz 1: Anatomical Terms & Epithelial Tissue	Quiz	20
9/8/25	Engagement Activities - Activity 2	Assignment	10

Due Date	Assignment Name	Assignment Type	Points
9/14/25	Lecture Notes - Activity 3	Assignment	10
9/15/25	Weekly Quiz Activity 2: Tissues & Integument	Quiz	20
9/15/25	Engagement Activity - Activity 3	Assignment	10
9/21/25	Bonus Points/Skull Foramen Video	Assignment	5
9/21/25	Lecture Notes - Activity 4	Assignment	10
9/22/25	Weekly Quiz Activity 3: Axial skeleton	Quiz	20
9/22/25	Engagement Activities - Activity 4	Assignment	10
9/28/25	Lecture Notes - Activity 5	Assignment	10
9/29/25	In-lab Weekly Quiz Activity 4: Appendicular skeleton	Quiz	20
9/29/25	Engagement Activities - Activity 5	Assignment	10
10/5/25	Extra Credit Opportunity	Assignment	5
10/5/25	Lecture Notes - Activity 6	Assignment	10
10/6/25	Weekly Quiz Activity 5	Quiz	20

Due Date	Assignment Name	Assignment Type	Points
10/6/25	In Class Engagement Activity 6	Assignment	10
10/13/25	Midterm	Quiz	100
10/19/25	Lecture Notes - Activity 7	Assignment	10
10/20/25	In lab Engagement Activity 7	Assignment	10
10/26/25	Lecture Notes - Activity 8	Assignment	10
10/27/25	Weekly In Class Quiz 7: Brain & Cranial Nerves	Quiz	20
10/27/25	In Lab Engagement Activity 8	Assignment	10
11/2/25	Lecture Notes - Activity 9	Assignment	10
11/3/25	Weekly In Class Quiz 8	Quiz	20
11/3/25	In Class Engagement Activity 9	Assignment	10
11/9/25	Lecture Notes - Activity 10	Assignment	10
11/10/25	Weekly Quiz Activity 9	Quiz	20
11/10/25	Engagement Activities - Activity 10	Assignment	10
11/16/25	Lecture Notes - Activity 11	Assignment	10

Due Date	Assignment Name	Assignment Type	Points
11/17/25	Weekly In Class Quiz Activity 10: Vessels	Quiz	20
11/17/25	In Lab Engagement Activity 11	Assignment	10
11/30/25	Lecture Notes - Activity 12	Assignment	10
12/1/25	Weekly In Class Quiz Activity 11: Digestive & Urinary	Quiz	20
12/1/25	In Class Engagement Activity 12	Assignment	10
12/8/25	Blood Trace Final	Quiz	0
12/8/25	Final Spring 2025	Quiz	124