

Schedule of Classes, Fall 2017

Week	Date	Topic	Text Reading
1	Aug 29	<i>Introduction</i> <i>A First Look at Anatomy</i>	xii-xxx 1-22
	Aug 31	<i>A First Look at Anatomy</i>	1-22
		Lab: <i>Introduction and Examination of Axial Skeleton</i>	173-219
2	Sept 5	<i>Integumentary System</i>	50, 118-145
	Sept 7	<i>Integumentary System</i> <i>Cartilage and Bone Connective Tissue</i>	50, 118-145 146-172
		Lab: <i>Examination of Appendicular Skeleton</i>	220-251
3	Sept 12	<i>Cartilage and Bone Connective Tissue</i>	146-172
	Sept 14	<i>Clinical Issues with Bones</i>	173-251
		Lab Quiz #1: Bones	
4	Sept 19	Exam 1 <i>Clinical Issues with Bones</i>	173-251
	Sept 21	<i>Clinical Issues with Bones</i>	173-251
		No Lab this week	
5	Sept 26	<i>Articulations: General Features</i>	252-286
	Sept 28	<i>Articulations: General Features</i> <i>Articulations: Selected Articulations</i>	252-286 114, 265-286
		Lab: <i>Articulations</i>	265-286
6	Oct 3	<i>Articulations: Selected Articulations</i>	114, 265-286
	Oct 5	<i>Articulations: Selected Articulations</i> <i>Muscle Tissue and Organization</i>	352-394 287-292, 306-312, 316
		Lab: <i>Examination of Anterior Muscles</i>	321-394
7	Oct 10	Exam 2 <i>Axial Muscles</i>	321-351
	Oct 12	<i>Axial Muscles</i>	321-351
		Lab: <i>Examination of Posterior muscles</i>	321-394
8	Oct 17	<i>Appendicular Muscles</i>	352-394
	Oct 19	No Class: On Friday Schedule for Fall Break	
		No Lab: Fall Break	
9	Oct 24	<i>Nervous Tissue</i> <i>Brain</i>	413-436 437-470, 532-534
	Oct 25	<i>Brain</i>	437-470, 532-534
		Lab Quiz #2: Articulations and Muscles	654-711
10	Oct 31	Exam 3 <i>Cranial nerves</i>	471-483
	Nov 2	<i>Cranial nerves</i>	471-483
		Lab: <i>Examination of Nervous System</i>	437-489
11	Nov 7	<i>Spinal Cord and Spinal Nerves</i>	484-515
	Nov 9	<i>Spinal Cord and Spinal Nerves</i> <i>Vessels and Circulation</i>	484-515 681-721
		Lab: <i>Examination of Heart and Vessels</i>	654-711
12	Nov 14	<i>Vessels and Circulation</i>	681-721

	Nov 16	<i>Vessels and Circulation Respiratory System</i>	681-721 745-776
		Lab: <i>Examination of Respiratory and Digestive Systems</i>	745-776, 777-807
13	Nov 21	Exam 4 Respiratory System	745-776
	Nov 23	Thanksgiving Holiday	
		No Lab: Thanksgiving Holiday	
14	Nov 28	<i>Respiratory System</i>	745-776
	Nov 30	Digestive System #1	777-795
		Lab Quiz #3	
15	Dec 5	Digestive Systems #1 and #2	777-795, 795-814
	Dec 7	<i>Digestive System #2</i>	795-814
		Lab: <i>Surface Anatomy, Reproductive and Urinary Systems</i>	395-409, 840-872 815-831
16	Dec 12	Final Comprehensive Exam (3:00pm)	





**Biology 2320: Human Anatomy
Syllabus, Fall 2017**

Instructor	Thayne Sweeten, Ph.D.
E-mail	<i>thayne.sweeten@usu.edu</i> (this is the best way to contact me)
Phone	435-919-1243
Office hour	Tuesdays and Thursdays, 2:30-3:00 pm, or by appointment. Room 209D in the new building
Required resources	Michael McKinley and Valerie Dean O'Loughlin ... (2015): <i>Human Anatomy, 4th ed.</i> New York: McGraw-Hill.
Optional resources	A cell phone with the ability to text. We will conduct real-time polling during class.
Lecture sessions	Tuesday/Thursday: 3:00 – 4:30 pm At the auditorium Room B111, 989 S. Main, Brigham City
Laboratory sessions	Tuesday: BL1 12:30 – 2:30 pm; BL3 5:30 – 6:30pm Thursday: BL2 12:30 – 2:30 pm, BL4 5:00 – 7:00 pm The labs are in the Miller building on 265 W 1100 South rooms 171 and 176. Only attend the weekly lab on the day you <u>registered</u> to attend.
Lab Instructors/Tutors	Samantha Stephens Email: samantha.parslow@aggiemail.usu.edu Phone: (801) 452-1989 Ricki Burnett Email: Ricki.burnett@aggiemail.usu.edu Jordyn Chandler Email: Jordynchand@gmail.com Phone: 801-391-3841
	Reviews: Tuesdays and Thursdays 30 minutes before class except on exam days. Check with tutors for additional review and individual tutoring times

Course Goals

In order for an auto mechanic to be successful he must know the name and locations of the automobile's parts, as well as have a general idea as to the function of these parts. This is also the case for those who work with the human body. After completing this course students will have knowledge of the names and locations of the parts of the human body, as well as a general understanding of their function. Practical and clinically relevant understanding of human anatomy will be emphasized.

Requirements

Students are expected to attend all lectures and labs and to review the lecture notes covered in the lecture, with associated text, **prior** to coming to class. There are also assigned articles to read for most chapters. This is a challenging course with a lot of interesting material to cover. Time and effort are required to learn the subject. **At least 2** hours per day of study outside of class time is recommended! Please read the syllabus and discuss any points of confusion with the instructor. Adjustments may be made to the class schedule as the semester progresses.

Class Website

Course material such as the syllabus, lecture notes and slides, lab quiz and exam scores and other information will be posted on the Utah State University Canvas web site provided for the course. Canvas will also be used for course announcements. To log in to Canvas go to online.usu.edu (no "www"). Your username is your Banner username (your "A" number) and your password is your BANNER password. You should see BIOL 2320 as one of your course. Just click on that and you will be at the course home page. Lectures will be recorded using Panopto and posted on the course website. If you have problems viewing these recordings please contact the USU IT Service Desk:

Phone: 435.797.HELP (4357)

Toll Free: 1.877.878.8325

Email: servicedesk@usu.edu

Exams

There will be four midterm exams of 100 points each containing 48-50 questions. The format will be multiple-choice, true-or-false, fill-in-the-blank, and short-answer. Questions come from course materials and assigned readings. A student's lowest score of these 4 exams will be dropped (if you miss a midterm exam that is the score that will be dropped). There will also be a comprehensive final exam of a similar format worth 200 points. The final exam score cannot be dropped. Do **not** remove or make duplicates of any kind of any exam or quiz material from the classroom or lab on exam days.

Daily Review Questions

Daily quizzes will be given on most days of class. These quizzes typically contain 3 questions covering material from last class. Each question will be worth 1 point. A total of 60 points can be earned from the approximate 69 review questions that will be asked over the semester. There are no make-up quizzes. The 9 extra questions near the end of the semester will help buffer for any missed quizzes.

Labs and Lab Quizzes

Students will register to attend one lab session for the semester. Labs are designed to provide hands-on, practical and exploratory experiences to complement the lectures and enhance learning. There will be three hands-on lab quizzes given during lab time. These quizzes are worth 50 points each.

Lab participation includes working hands-on with human cadavers. Working with cadavers is possible because individuals have willingly donated their bodies to benefit the education of others. In respect to these individuals and their families' disrespectful behavior of any kind towards the cadavers will not be tolerated. Students who engage in such behavior will be asked to leave the lab. No picture taking is allowed in the cadaver lab. No open-toed shoes are allowed in the lab. Personal protection such as gloves, aprons and protective eyewear should be worn in the cadaver lab. Students must follow all safety rules provided by the lab instructor.

Pregnant females should consult with the course instructor concerning safety issues related to exposure to the chemicals used in the Human Anatomy cadaver laboratory. Safety concerns can also be directed to USU's Environmental Health and Safety Office (435-797-2892, (rachel.curry@usu.edu) or ones obstetrician.

Grading

There will be **no** extra credit or special projects to improve your grade. Please do not ask me to give you extra points at the end of the semester. Although I sympathize with barley missing a desired grade, I must assure equity for everyone and cannot add extra points for a few students. If you are struggling in the course please seek help **early** in the semester. Students can discuss exam scores from midterms up until the last office hour of the semester, after then only the final exam will be discussed.

Your final grade will be determined from exams and quizzes in the following manner:

- Introductory statement -- 10 points
 - Daily review questions -- 60 points
 - 3 lab quizzes worth 50 points each – 150 points
 - 3 midterm exams worth 100 points each – 300 points
 - Final comprehensive exam – 200 points
- 720 points total

Grade breakdown

Number of Points	% of Total Points	Grade
720-666	93-100%	A
665-645	90-92%	A-
644-630	87-89%	B+
629-594	83-86%	B
593-573	80-82%	B-
572-558	77-79%	C+
557-522	73-76%	C
521-501	70-72%	C-
500-486	67-69%	D+
485-429	60-66%	D
< 429	< 60%	F

Lab Fee

As part of your registration for this class you were required to pay a "lab fee" of \$70.00. This is used to procure cadaver and purchase lab models as well as consumable supplies such as protective clothing and cadaver wetting solution. It also covers the cost of the tutor/teaching assistant for the course.

Unacceptable Classroom Behavior

Behavior that disrupts the classroom environment will be discouraged.

1. Once class has started, **cell phones should be silenced** and no ring tones or conversations are permitted. Use of laptop computers is permitted only for purposes related to the class.
2. Once class has started, **talking among students is strongly discouraged**. If you need to talk, please leave the class and conduct your conversation outside. If students persist in talking among themselves during class, they will be asked to visit my office and receive a written notice. If talking continues, students will be asked to leave the room and possibly the class so that other students can benefit from the limited amount of class time available. I take this seriously!

Withdrawal Policy and "I" Grade Policy

Students are required to complete all courses for which they are registered by the end of the semester. In some cases, a student may be unable to complete all of the coursework because of extenuating circumstances, but not due to poor performance or to retain financial aid. The term 'extenuating' circumstances includes: (1) incapacitating illness which prevents a student from attending classes for a minimum period of two weeks, (2) a death in the immediate family, (3) financial responsibilities requiring a student to alter a work schedule to secure employment, (4) change in work schedule as required by an employer, or (5) other emergencies deemed appropriate by the instructor.

Honor Code Policy

As stated in The Student Code, "Each student has the right and duty to pursue his or her academic experience free of dishonesty. The Honor System is designed to reinforce the higher level of conduct expected and required of all Utah State University students." Upon admission to the university, you agreed to abide by this Honor Code by signing the Honor Pledge, which reads: "I pledge, on my honor, to conduct myself with the foremost level of academic integrity." Complete academic honesty is expected in this course. Cheating on exams or plagiarism on written assignments will result in a failing grade and may result in further action according to University policy.

Accommodation for Disabilities

Students with ADA-documented physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations. Veterans may also be eligible for services. At Brigham City, contact Jill Rasmussen, Room 170B, (435) 734-

2277 ext 246. At other RCDE sites, contact your advisor. All accommodations are coordinated through the Disability Resource Center (DRC) in Room 101 of the University Inn on the Logan Campus, (435)797-2444 voice, (435)797-0740 TTY, or toll free at 1-800-259-2966. Please contact the DRC as early in the semester as possible. Alternate format materials (Braille, large print or digital) are available with advance notice.

Grievance Process

Students who feel they have been unfairly treated...may file a grievance through the channels and procedures described in the Student Code:

<http://www.usu.edu/student-services/pdf/StudentCode.pdf#page=3> (Article VII. Grievances, pages 27-36).

Communications via email

Email is an official form of communication at USU. Any communication to you about this course will be to the email address you have listed in ACCESS as your preferred address. You are responsible for any information conveyed to you at that email address. To make sure that the university is using the email account you prefer, do the following:

- At the USU website, click on the link "MyUSU" at the top right of the page
- Under "Access" click on the link "Login to Access (Banner)"
- Log in using your A number and Password
- Click on "Personal Information"
- Click on "Update E-mail Addresses"
- Follow the short instructions to update your preferred email address

It is your responsibility to check your email account regularly.

Diversity Statement

Regardless of intent, careless or ill-informed remarks can be offensive and hurtful to others and detract from the learning climate. If you feel uncomfortable in a classroom due to offensive language or actions by an instructor or student(s) regarding ethnicity, gender, or sexual orientation, contact one of the following: at USU Brigham City, contact Jill Rasmussen, Room 170B, (435) 734-2277 ext 246; at other RCDE sites, contact your advisor, or; Michelle Bogdan, Director The Access and Diversity Center (435) 797-1729 michelle.bogdan@usu.edu; James Morales, Vice President of Student Services (435) 797-1712 james.morales@usu.edu; Ann Austin, Vice Provost for Faculty Development and Diversity, ann.austin@usu.edu; Maure Smith, GLBTA Services, maure.smith@usu.edu; Steven Russell, Student Advocate (435) 797-1720 s.r.@aggiemail.usu.edu. You can learn about your student rights by visiting: www.usu.edu/student-services/studentcode.