

Course Syllabus

Instructor | Dr. Monique Smith

Email | bipn100smith@gmail.com

Class Session |

Tuesday, Thursday: 5-6:20pm in Peterson Hall 110

TA Discussion Session |

Friday 12pm on Zoom - <https://ucsd.zoom.us/j/92442148061>  (<https://ucsd.zoom.us/j/92442148061>)

Office Hours |

Friday 11am – 12pm TATA 3102, *except* May 3 and June 7: on zoom

<https://ucsd.zoom.us/j/5329498986>  (<https://ucsd.zoom.us/j/5329498986>)

Teaching Assistants: We have 1 amazing TA and 3 awesome IAs this semester! They will be available for email questions, weekly office hours, and exam study sessions. IA office hours will take place on or on zoom.

TA: Renny email: r8ng@ucsd.edu (<mailto:r8ng@ucsd.edu>) Office hours: Tuesday 3-4pm at Art of Espresso, outside Mandeville Hall or by appointment via email

IAs:

Darleen Salameh dsalameh@ucsd.edu (<mailto:dsalameh@ucsd.edu>) Office Hours: Mondays 9am on zoom

Nikita Prasad nnprasad@ucsd.edu (<mailto:nnprasad@ucsd.edu>) Office Hours: Thursday 3:30-4:30 on zoom

Ashley Robles a3robles@ucsd.edu (<mailto:a3robles@ucsd.edu>) Office Hours: Fridays 10-11am, FAH second floor in person

Textbook: (optional) Human Physiology: an Integrated Approach” by Silverthorne, 8th ed. (older versions are okay, but page numbers are off)

Course Website | Canvas. Please familiarize yourself with the folders and assignments on Canvas. You are responsible for regularly checking for announcements, lecture slides, quizzes, problem sets, class discussion forums, and grades are communicated via Canvas. Please check regularly- these are subject to change.

Lectures:

1. The lecture schedule is subject to change.
2. Lectures will be podcast.
3. Quizzes and the final are based on material covered during lectures.
4. There are absolutely no make-up quizzes after the deadline, this is what the dropped quizzes can be used for.
5. If you miss class, that's ok too, the lectures are podcast!

Grading :

Quizzes (8-2)	300 pts (each worth 50pts)
Midterm	150 pts
Final	150 pts No required textbook

Total 600 points

Extra credit (see below) 50pts

Grade Breakdown:

No curving, no last minute extra credit. The grade you receive is the grade you earned.

TA hours and discussion session | You can earn 5 points *each week* for attending/participating in section, office hours, or a review session. You don't have to go to everything, but at least one non-lecture learning opportunity per week is recommended. You choose what works for your schedule and your learning style. This is a total of **50 points** over the quarter, maximum 5pts per week. There are no make-up points if you miss a week's opportunities. Please do not ask.

E-mail | *I will answer emails as quickly as possible during daytime hours (9-5). I will not respond to emails outside of business hours.* However, if your question is substantive regarding the course material, I ask that you please come talk to me during office hours or immediately after class. ****If you email me,**

please put [SP2024 BIPN100] in the subject line. If you do not, it will significantly delay my response time. If I fail to respond to your email in a timely manner, please send me a reminder or make an appointment to speak to me during office hours.

Exams | There will be 2 exams in person (1 midterm, 1 final), worth 150 points each. These are both cumulative.

Quizzes | There will be 8 quizzes throughout the course (dates indicated on schedule below). Quizzes will be accessible through Canvas on Friday morning at 8:00 am and are due Monday at noon - 12:00 pm PST. These quizzes are designed to help make sure you are keeping on top of the material. Each quiz will be multiple-choice the class meetings prior to that quiz. You will be able to drop two quiz scores, *which could be your lowest quiz scores or quizzes that were missed due to a missed quiz because of a life or family event*; **therefore, there are no quiz make-ups.** **Please DO NOT request a quiz make up, it will not be granted for any reason.**

Quizzes are “open book” and you will have 30 minutes to complete the questions. Typically, there are 10 multiple choice questions, although occasionally the number or format of questions will change. Each quiz will focus on the previous week’s content. Quizzes are not explicitly cumulative, however, physiology is! Each quiz is worth 50 points.

A note about “open book” versus cheating. You can use your class notes, the textbook, your favorite search engine, etc. *But, I expect each person in the class to do their own work. Working with someone else is cheating.* Doing the work yourself will ensure you are learning the material throughout the class. Posting questions to your favorite chatbot, Reddit, Discord, etc, is cheating. If I find evidence of cheating by anyone, the format of the quizzes will change for the entire class in the following ways:

Quizzes will be administered through canvas using the lockdown browser.

You will not be able to go back to questions, only forward.

Quizzes will be administered during a restricted time window rather than over the entire weekend.

| Regrade Requests |

If - after checking the answer key on canvas - you disagree with how a particular midterm question was graded, you should first, discuss with your TA/IA. Do this within one week of your quiz or midterm. If you and the TA/IA/tutor do not come to an agreement, forward your question to me. It is very unlikely that I

will change anything so please consider your point carefully and then you can submit a formal regrade request. Your note must refer to the answer provided in the answer key and articulate how your answer is similar to / the same as that provided. If I agree, I will regrade your entire exam, and your score may go up or down.

| Policies |

If you have ANY cold symptoms, are exposed to COVID, or test positive for COVID or another contagious illness, please stay home to keep others healthy. If you are unsure if you are contagious and come to class with symptoms, please wear a mask.

Attendance and Classroom Etiquette

- Since classroom discussions are a critical component to the class, attendance is highly encouraged. Please be sure to arrive to class on time.

Study Habits | I have found that students who do well in my class also:

- Look over their notes after class identifying any questions
- Space out studying and do each quiz individually each week (do not cram) and use study groups
- Make their own examples of concepts covered in class
- Try to design “test questions” as if you are the professor. Test each other in group study sessions!

Academic Honesty | Do not cheat. All of the quizzes are open resource. Please, use the resources at your disposal but do your own work. *Any form of cheating will result in an F on the quiz/exam etc. and may also result in an F for the semester, regardless of how few points the item was worth. Any instance of cheating may also result in the student’s referral to the Academic Integrity Office.*

Harassment and Title IX | The Office for the Prevention of Harassment & Discrimination (OPHD) provides assistance to students, faculty, and staff regarding reports of bias, harassment, and discrimination. OPHD is the UC San Diego Title IX office. Title IX of the Education Amendments of 1972 is the federal law that prohibits sex discrimination in educational institutions that are recipients of federal funds. UC San Diego students have the right to an educational environment that is free from harassment and discrimination.

Students have options for reporting incidents of sexual violence and sexual harassment. Sexual violence includes sexual assault, dating violence, domestic violence, and stalking. Information about reporting options may be obtained at OPHD at (858)534-8298, ophd@ucsd.edu or <http://ophd.ucsd.edu>. Students may receive confidential assistance at CARE at the Sexual Assault Resource Center at (858) 534-5793, sarc@ucsd.edu or <http://care.ucsd.edu> or Counseling and Psychological Services (CAPS) at (858) 534-3755 or <http://caps.ucsd.edu>.

Students may feel more comfortable discussing their particular concern with a trusted employee. This may be a student affairs staff member, a department Chair, a faculty member or other University official. These individuals have an obligation to report incidents of sexual violence and sexual harassment to OPHD. This does not necessarily mean that a formal complaint will be filed. If you find yourself in an uncomfortable situation, ask for help. The UC San Diego is committed to upholding University policies regarding nondiscrimination, sexual violence and sexual harassment.

Respect for Diversity | It is my intent that students from all diverse backgrounds and perspectives be well served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength, and benefit. It is my intent to present materials and activities that are respectful of diversity: gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture. Your suggestions are encouraged and appreciated.

In an ideal world, science would be objective. However, much of science is subjective and is historically built on a small subset of privileged voices. I acknowledge that the readings for this course, including the textbook, were authored by white men. Furthermore, the course often focuses on historically important neuroscience experiments which were mostly conducted by white men. I acknowledge that it is likely that there are both overt and covert biases in the material due to the lens with which it was written, even though the material is primarily of a scientific nature.

Please let me know ways to improve the effectiveness of the course for you personally or for other students or student groups. For example:

- I (like many people) am still in the process of learning about diverse perspectives and identities. If something was said in class (by anyone) that made you feel uncomfortable, please talk to me about it. (Again, anonymous feedback is always an option).

Students with Different Abilities |

Please register with the UCSD Office for Students with Disabilities- <https://osd.ucsd.edu/>. If you require accommodations of any kind you will need to have your Authorization for Accommodation (AFA) letter

sent through the OSD office. If you need to discuss, please come to office hours and discuss with your liason.

Calendar

Week 1		
	April 2:	Intro and Membranes
	April 4:	Membrane Potential & Action Potential
Week 2		
Quiz 1 due 4-8		
	April 9:	Action Potential 1
	April 11:	Action Potential 2
Week 3		
Quiz 2 due 4-15		
	April 16:	Synaptic Transmission 1
	April 18:	Synaptic Transmission 2
Week 4		
Quiz 3 due 4-22		
	April 23:	Central and Peripheral Nervous System
	April 25:	Sensory Processing
Week 5		
Quiz 4 due 4-29		
	April 30:	Homeostasis, Endocrine 1
	May 1:	HPA axis, Endocrine 2
Week 6		
Quiz 5: due 5-6		
	May 7:	TBD: Review session?
	May 9:	Midterm (in person, closed book, no notes)
Week 7		
	May 14:	Movement, Skeletal Muscle 1
	May 16:	Skeletal Muscle 2
Week 8		
Quiz 6 due 5-13		
	May 21:	Smooth Muscle
	May 23:	Cardiac Muscle
Week 9		
Quiz 7 due 5-20		
	May 28:	Cardiac: EKG, cardiovascular system
	May 30:	Cardiac: Hemodynamics
Week 10		
Quiz 8 due 5-27		
	June 4:	Renal Physiology
	June 6:	Renal Physiology

FINAL Exam

(in person, closed book, no notes)

June 13:**7-10pm**

Course Summary:

Date	Details	Due
Fri Apr 5, 2024	 BIPN 100 - Human Physiology I - Section - Smith (George) [SP24] (https://canvas.ucsd.edu/calendar?event_id=1044099&include_contexts=course_55543)	12pm to 1pm
Fri Apr 12, 2024	 BIPN 100 - Human Physiology I - Section - Smith (George) [SP24] (https://canvas.ucsd.edu/calendar?event_id=1044100&include_contexts=course_55543)	12pm to 1pm
Fri Apr 19, 2024	 BIPN 100 - Human Physiology I - Section - Smith (George) [SP24] (https://canvas.ucsd.edu/calendar?event_id=1044101&include_contexts=course_55543)	12pm to 1pm
Fri Apr 26, 2024	 BIPN 100 - Human Physiology I - Section - Smith (George) [SP24] (https://canvas.ucsd.edu/calendar?event_id=1044102&include_contexts=course_55543)	12pm to 1pm
Fri May 3, 2024	 BIPN 100 - Human Physiology I - Section - Smith (George) [SP24] (https://canvas.ucsd.edu/calendar?event_id=1044103&include_contexts=course_55543)	12pm to 1pm
Fri May 10, 2024	 BIPN 100 - Human Physiology I - Section - Smith (George) [SP24] (https://canvas.ucsd.edu/calendar?event_id=1044104&include_contexts=course_55543)	12pm to 1pm
Fri May 17, 2024	 BIPN 100 - Human Physiology I - Section - Smith (George) [SP24] (https://canvas.ucsd.edu/calendar?event_id=1044105&include_contexts=course_55543)	12pm to 1pm
	 Quiz 1 (https://canvas.ucsd.edu/courses/55543/assignments/791258)	

Date

Details

Due

 [Quiz 2](#)
(<https://canvas.ucsd.edu/courses/55543/assignments/791261>)

 [Quiz 3](#)
(<https://canvas.ucsd.edu/courses/55543/assignments/791318>)
