



FORDHAM UNIVERSITY

THE JESUIT UNIVERSITY OF NEW YORK

**Human Physiology Lecture (BISC3232) Syllabus
Summer 2019 Session II**

Instructor:	Justin R. Pool, M.S., Ph.D.
Email:	JPool1@fordham.edu
Rose Hill Office:	Larkin Hall, Room 370B
Office Hours:	Mondays 12PM to 2PM, or by appointment

Course Page: Fordham.blackboard.com

Class Schedule:

Lecture: Tuesday 9:00AM to 12:00 Noon
Wednesday 9:00AM to 12:00 Noon
Thursday 9:00AM to 12:00 Noon

Required Textbook: Check with Instructor/Bookstore Vander's Human Physiology: The Mechanism of Body Function. 15th edition. 2019 (ISBN: 978-1-259-90388-5)

Grading:

Lecture Course:

Quizzes	100 points
3 exams @ 100 pts each:	300 points
Final exam:	<u>200 points</u>
TOTAL:	600 points

For exams, partial credit may be given, but this is a privilege. Student are not permitted to 'haggle' for more points. There will be no make-up exams, except in the case of extenuating circumstances and then only with proper documentation and approval from the proper dean. The course grade is straight-forward and not curved. The course grades are assigned as follows: A: 93-100; A-: 90-92; B+: 87-89; B: 83-86; B-: 80-82; C+: 77-79; C: 73-76; C-: 70-72; D: 60-69; F: below 60. Effort and participation are considered in borderline cases.

I will also be utilizing the Mastering software for this course. It will be optional, but from past experience, it tends to help students achieve a better understanding of the course material. I will be discussing this more in class.

Course Philosophy: This is an upper-level, biology majors' course, which is intended to be academically rigorous and intellectually challenging. It is your responsibility to learn the subject and ask questions as needed. I am here to help you gain knowledge and appreciation for the field of anatomy. If you have any issues or questions at any time during the course then please come to my office hours and discuss anything with me. There are no 'stupid' questions. I am here to help you learn, and I want everyone to succeed. However, to succeed you do have to put the time into the course. Likewise, every time a class

is taught, it is also a learning experience for me and I promise to help you succeed to the best of my abilities.

Instructions: Please be an active learner and participate in class but make sure not to disrupt the learning of others. Make sure all cell phones, computers, and tablets are in do not disturb mode or off. During exams, all electronics are STRICTLY forbidden; this includes all wearables as well (i.e. NO APPLE WATCHES OR OTHER WEARABLES DURING EXAMS). Please be sure to register with ODS if you have any special needs*.

Lecture exams will cover topics discussed in class. You should utilize the relevant chapters of the text to strengthen your understanding of what we cover in the lectures. You will be assigned reading for every lecture and will be expected to read the relevant chapters before class. There will be pre-class quizzes to help you prepare for the lectures. Since this is a very short course and there is a lot of material to cover, you will find that reading the book chapters and following up with questions and discussions in class will help you stay on top of the material. Exams will include multiple choice, short answer, and essay questions which will **challenge you to integrate and apply what you have learned in class**. The final exam will be cumulative. **You are responsible for being aware of the requirements. Please go over the syllabus thoroughly and make sure you are clear about all expectations.**

Attendance and Conduct:

I follow the FCRH policy

(https://www.fordham.edu/download/downloads/id/6569/undergraduate_bulletin.pdf) and attendance is mandatory. Attendance will be taken written throughout the semester. If you accrue more than **4 absences**, whether excused or unexcused, Fordham policy is an **automatic failure** of the course. Also, this is an early morning class, please make sure you arrive on time! If you arrive more than 5 minutes late 3 times, that will be counted as 1 unexcused absence! It is disruptive to arrive after we have begun for the day. I value Fordham's Code of Conduct as spelled out in the above student handbook for the integrity it fosters. All exams and assignments in this course are to be completed in accordance with said Code. THERE IS ZERO TOLERANCE FOR CHEATING AND PLAGIARISM!

Disability

Under the Americans with Disabilities Act and Section 504 of the Vocational Rehabilitation Act of 1973, all students, with or without disabilities, are entitled to equal access to the programs and activities of Fordham University. If you believe that you have a disabling condition that may interfere with your ability to participate in the activities, coursework, or assessment of the object of this course, you may be entitled to accommodations. Please schedule an appointment to speak with someone at the Office of Disability Services (Rose Hill - O'Hare Hall, Lower Level, x0655).

The Office of Disability Services (ODS), headed up by Carolyn Mooney (mooney@fordham.edu), works with students, faculty, and staff to ensure appropriate services for students with disabilities. Fordham University will make reasonable accommodations, and provide auxiliary aides and services to assist otherwise qualified students who self-identify as having a disability in achieving equal access to its programs, services, and facilities.

It is essential that students who ask for accommodations have registered with the Office of Disability

Services. Until a student self-identifies as having a disability and presents an academic accommodation letter written by ODS on ODS letterhead, faculty are not allowed to provide any academic accommodations to that student.

Schedule

Date	Day	Lec #	Lecture
07/02	Tues	1	Introduction & Homeostasis
07/03	Wed	2 & 3	Membrane Dynamics & Cell-Cell Communication
07/04	Thurs	None	Happy Independence Day!
07/09	Tues	4 & 5	Endocrine System I & II
07/10	Wed	6 & 7	Nervous System I & II
07/11	Thurs	8	EXAM I & Nervous System III
07/16	Tues	9 & 10	Nervous System IV & V
07/17	Wed	11 & 12	Muscular System
07/18	Thurs	13 & 14	Cardiovascular System I & II
07/23	Tues	15	EXAM II & Cardiovascular System III
07/24	Wed	16	Respiratory system
07/25	Thurs	17 & 18	Kidneys, Fluid & Electrolyte Balance
07/30	Tues	19	EXAM III & Digestive System
07/31	Wed	20	Metabolism & Energy Balance
08/01	Thurs	21	Immune System
08/06	Tues		FINAL EXAM