



蘇州大學
Soochow University

BIO 103 Human Biology

Summer 2023

Course Credits: 4

Contact Hours: 55 hours

Instructor: TBA

Email: TBA

COURSE OBJECTIVES

Human body is a sophisticated machine. Studying on the structures and functions of human body can contribute to the health protection and disease prevention. To facilitate students' understanding of human biology, this course will deliver instruction at both cellular and organic level. The main content will contain cells, tissues, skeletal system, blood, Sensory Systems, Reproductive Systems, Genes, disease, evolution, etc. Students will develop a solid foundation for further study in human biology.

Upon Completion of this Course, students will be able to:

1. Comprehend the key concepts and components of human biology;
2. Demonstrate familiarity with the structure of human body and explain their functions;
3. Identify the major systems and their operation within human body;
4. Describe the principles and process of evolution;
5. Develop interests in human biology and discover potential career direction related to this field.

PREREQUISITES

N/A

GRADING

Grades will be determined by accumulating points, with 100 points being the maximum, as follows:



ITEM	POINTS
Assignments	40 Points
Midterm	25 Points
Final Exam	35 Points
Total	100 Points

Late submissions will be graded at the end of the course. Grades will be assigned according to the following rule:

$A \geq 90 > B \geq 80 > C \geq 70 > D \geq 60 > F$.

We reserve the right to make adjustments to the overall grading policy.

COURSE MATERIALS

Required Texts:

Human Biology by Cecie Starr, Beverly McMillan, 11th Edition, Cengage Learning, 2015.

Recommended (Optional) Texts or Other Materials:

None

COURSE TOPICS

MODULE	TASKS
Module 1	Topics: Topic 1: Learning about Human Biology Topic 2: Cells and How They Work Topic 3: Tissues, Organs, and Organ Systems Topic 4: The Skeletal System Assessments: Assignment#1 due
Module 2	Topics: Topic 5: The Muscular System Topic 6: Circulation: The Heart and Blood vessels; Blood Topic 7: Immunity and Disease Topic 8: The Respiratory System Assessments: Assignment#2 due



Module 3	Topics: Topic 9: Digestion and Nutrition Topic 10: The Urinary System 223 Topic 11: The Nervous System Topic 12: Sensory Systems Assessments: Midterm Assignment#3 due
Module 4	Topics: Topic 13: The Endocrine System; Reproductive Systems Topic 14: Cell Reproduction Topic 15: Development and Aging; Introduction to Genetics Topic 16: Chromosomes and Human Genetics Assessments: Assignment#4 due
Module 5	Topics: Topic 17: DNA, Genes, and Biotechnology Topic 18: Genes and Disease: Cancer Topic 19: Principles of Evolution; Principles of Ecology Topic 20: Human Impacts on the Biosphere Assessments: Final Exam

ATTENDANCE

1) Class attendance is required. Missing classes without permission will lead to decrease in overall grade.

Missing less than two classes: no penalty.

Missing more than two classes: 7% will be taken off from the overall grade.

If the instructor reports a student's frequent missing of class to the Soochow University Academic Administration Office, the student might get a written warning and might be prohibited from attending final exam.

2) Participants in this course are expected to arrive in class promptly and adequately prepared. The primary objective of this course is to critically engage with the readings and the subject matter. Therefore, course participants are expected to have completed the reading prior to class and prepare thoughtful reflections/commentaries to share with fellow colleagues.



LEARNING REQUIREMENTS

- 1) Late assignments are not acceptable and are subjected to grade deductions.
- 2) Assignments submitted in the wrong format will be counted as not submitted.
- 3) Failure to submit or fulfill any required course component results in failure of the class.
- 4) Make-up for midterm and final exams only with valid excuses, as defined by the University.
- 5) In order to earn a Certificate of Completion, participants must thoughtfully complete all assignments by stated deadlines and earn an average quiz score of 50% or greater.

TECHNOLOGY POLICY

The use of electronic devices in class is distracting, both for the user and for the rest of the class. Only non-programmable calculators can be used in the tests and exam. Any attempts to use cell phones and other electronic communication devices will be seemed as cheating. Laptops are discouraged, unless you use them for activities DIRECTLY related to the course (eg., note taking, reading course documents).

ACADEMIC INTEGRITY POLICY

Soochow University highly values the academic integrity and aims to promote the academic fairness, honesty and responsibility. Any academic dishonesty behaviors and any attempts to cheats and plagiarism will be reported to the university administration office. A written warning and the relevant penalties will be imposed. The record might be shown on the official university transcript.

DISABILITY ACCOMMODATION

Soochow University is committed to maintaining a barrier-free environment so that students with disabilities can fully access programs, courses, services, and activities at Soochow University. Students with disabilities who require accommodations for access to and/or participation in this course are welcome.

Note:

Please contact the University Administrative Office immediately if you have a



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learning disability, a medical issue, or any other type of problem that prevents professors from seeing you have learned the course material.