

HUMAN BIOLOGY (BIOL 100A) SYLLABUS

General Education Course (Natural Science) / 3 Credit Hours
[Department of Biological Sciences](#) / [Fort Hays State University](#)

Spring 2020 / AH 335 / MWF 9:30–10:20

Most recent update of the syllabus: 6 March 2020

Instructor: [Mark Eberle](#)

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- **Course Description:** An introductory course examining the fundamental concepts of human structure and function as the starting point for the exploration of principles common to all living systems and the interrelationships between humans and the rest of the biosphere.
- **Objectives of the Course:** The course will expand your knowledge of how the human body works over successive levels of organization from molecules of life to organ systems to organisms. You will learn how humans, one of a myriad of organisms on earth, have evolved and interact with each other, other species, and the environment.
- **Course Content:** Concepts covered in Human Biology include the scientific method, characteristics of living organisms, cell structure and function, organization of cells into tissues and organs, major organ systems, genetics, and evolution.
- **Format:** Lecture.
- **Textbook:** *optional*. This class follows the book *What is Life? A Guide to Biology with Physiology* by Jay Phelan. If you feel it would be beneficial to you to have supplemental reference, this would be the best book to choose, *and the older second edition would be fine*.
- **Lecture Notes Outlines:** Outlines for the lecture notes are available as Microsoft Word documents. You should save these to your computer and use them to rewrite and organize your notes. Do this after each class; do not wait until it is near test time. You will want to have plenty of time to visit with the instructor about questions you might have in your notes. A printed study guide for the final (Test 6) will be handed out in class.
- **Grades:** A total of 350 points are possible, based primarily on scores from six tests. Five unit exams will be 50 points. Make-up exams after the original exams are returned will consist of essay questions. The comprehensive final will also be 50 points and is entirely multiple choice. Four pop quizzes and four writing assignments worth 10 points each will also be given, and the top 5 scores will be used to calculate the final grade (equivalent to one test). Quizzes or writing assignments missed for excused absences can be included in the dropped scores.
- **Grading Scale:** Based on 90–80–70–60% for grades A–B–C–D. **NO EXTRA-CREDIT** assignments will be offered.
- **Attendance:** Attending and engaging in class are necessary to obtain adequate notes. Test questions are taken from the lecture material covered during class. Given that students in this course are not biology majors, you are encouraged to make occasional or regular appointments with the instructor for assistance outside class. **STUDY FOR TESTS WELL BEFOREHAND — DO NOT WAIT UNTIL A NIGHT OR TWO BEFORE A TEST TO STUDY.**
- **Biology Lab:** *optional*. If you are enrolled in lab (BIOL 102), it might help you in lecture, but the grades will be separate.
- **General Academic Policies:** This course will comply with general academic policies regarding adding or dropping courses, grade appeals, academic honesty, class attendance, and intellectual property rights as outlined in the [University Catalog](#).

Tentative Lecture and Test Schedule

Updated through the semester, as necessary.

Date	Class Activity	Date	Class Activity
January 20	No Class	March 23	Spring Break
	22 Scientific Method		25 Spring Break
	24 Chemistry		27 Spring Break
	27 Chemistry		30 Animal A&P
	29 Chemistry	April 1	Animal A&P
	31 No Class*		3 No Class*
February 3	Cells		6 Animal A&P
	5 Cells		8 Animal A&P
	7 Exam Review		10 Animal A&P
	10 Genetics		13 Ecology
	12 Chemistry/Cells Exam		15 Ecology
	14 Genetics		17 Animal A&P Exam 2
	17 Genetics		20 Ecology
	19 Genetics		22 No Class*
	21 Genetics		24 No Class*
	24 Genetics		27 Ecology
	26 Genetics		29 Review for Ecology Exam
	28 Genetics	May 1	Ecology Exam
March 2	Animal A&P		4 Review for Final
	4 Animal A&P		6 Review for Final
	6 Animal A&P		8 Review for Final
	9 Animal A&P		11 FINAL EXAM — 9:30
	11 Genetics Exam		13
	13 Animal A&P		15
	16 Animal A&P		
	18 Animal A&P Exam 1		
	20 Animal A&P		

* absent for a professional meeting (weather permitting)