

HUMAN BIOLOGY (BIOL 100A) SYLLABUS

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

Spring 2015 / AH 335 / MWF 8:30-9:20

Most recent update of the syllabus: **18 February 2015**

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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:** Major issues and concepts discussed 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, reproduction and development, genetics, evolution, and the diversity of life.
- **Format:** Lecture (MWF 8:30–9:20).
- **Textbook: optional.** This class will follow 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.
- **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:** Based primarily on scores from 5 tests. These will be 50 points, mostly in the form of short-answer and fill-in-the-blank questions. The comprehensive final will also be 50 points and entirely multiple choice. Quizzes and writing assignments worth 10 points each will also be given, and the two lowest scores or assignments missed for excused absences will be dropped. Thus, a total of 350 points are possible.
- **Grading Scale:** Based on 90–80–70–60% for grades A–B–C–D. **NO EXTRA-CREDIT assignments will be offered.**
- **Test Reviews:** You are welcome to make an occasional or a regular appointment for assistance outside class. **STUDY 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 periodically through the semester, as necessary.

DATE	CLASS ACTIVITY	DATE	CLASS ACTIVITY
January 19	No class (holiday)	March 23	Animal A&P
21	Scientific Method	25	Animal A&P
23	Scientific Method	27	Animal A&P
26	Chemistry	30	Animal A&P Test 1
28	Chemistry	April 1	No class (writing assignment)
30	No class (writing assignment)	3	No class (writing assignment)
February 2	Cells	6	Animal A&P
4	Cells and Test 1 Review	8	Animal A&P
6	Genetics	10	Animal A&P
9	Genetics	13	Animal A&P
11	Genetics	15	Review
13	Chemistry/Cells Test	17	Animal A&P Test 2
16	Genetics	20	Ecology
18	Genetics	22	Ecology
20	Genetics	24	Ecology
23	Genetics	27	Ecology
25	Genetics	29	Review
27	Genetics	May 1	Ecology Test
March 2	Animal A&P	4	Review for Final
4	Animal A&P	6	Review for Final
6	Genetics Test	8	Review for Final
9	Animal A&P	11	
11	Animal A&P	13	FINAL EXAM - 8:30
13	Animal A&P	15	
16	<i>Spring Break</i>		
18	<i>Spring Break</i>		
20	<i>Spring Break</i>		