

Course Requirements:

5 Reading Responses **10%**
4 In-Class Quizzes **20%**
Debate **20%**
Midterm Paper **25%**
Final Paper **25%**

- **Attendance is mandatory.**
- 5 Reading Responses: On the syllabus you will find topics marked with (#). For these readings, you can choose to write a short 200 words (approx. 1 page) response. You must submit 5 responses over the course of the semester. It doesn't matter which ones you choose as long as you submit 5 in total. You must hand in a hardcopy of your response at the beginning of class. These responses will be graded as ✓+, ✓, or ✓-. If for some reason you are able to submit 5 responses, a 2% deduction will be taken to your final grade for each missing response.
- 4 In-Class Quizzes: These quizzes will be spread out over the course of the semester. They are designed to evaluate your comprehension of the assigned readings and lecture materials. If for some reason you are to miss a quiz, you are allowed to retake one (and only one) quiz over the course of the semester during office hours or by appointment.
- Debate: There will be 3 debates held in class over the course of the semester. The class will be divided into 6 teams of 5 students. This is a team project and you will be graded as a group. You will actively participate in one debate and will be asked to evaluate the other two debates as audience members. Participation in debates cannot be made up.
- Midterm Paper: You will be asked to produce a 6-page paper. The paper is designed to evaluate your ability to articulate yourself in a logical, well-structured, clear, and concise way. Paper topics will be made available 2 weeks before the paper is due.
- Final Paper: Another 6-page paper will be due on the last day of class. Paper topics will be made available 2 weeks before the paper is due.

Grading Scale:

100-97% A+	96-93% A	92-90% A-	
89-87% B+	86-83% B	82-80% B-	
79-77% C+	76-73% C	72-70% C-	
69-67% D+	66-63% D	62-60% D-	<60% F

Late Policy:

There will be **NO** extensions given for paper assignments. Each 24-hour period in which your paper is not turned in will result in a ½ letter grade penalty (i.e. A to B+).

Writing Resources:

I encourage all of you to take advantage of the Writing Center, located at 317B O'Hara Student Center. For information about the center, visit: www.writingcenter.pitt.edu
You can easily make an appointment with a writing consultant online.

Academic Integrity:

Students in this course will be expected to comply with the University of Pittsburgh's Policy on Academic Integrity. Any student suspected of violating this obligation for any reason during the semester will be required to participate in the procedural process, initiated at the instructor level, as outlined in the University Guidelines on Academic Integrity. This may include, but is not limited to, the confiscation of the examination of any individual suspected of violating University Policy. Furthermore, no student may bring any unauthorized materials to an exam, including dictionaries and programmable calculators.

Disability Services:

If you have a disability that requires special testing accommodations or other classroom modifications, you need to notify both the instructor and Disability Resources and Services no later than the second week of the term. You may be asked to provide documentation of your disability to determine the appropriateness of accommodations. To notify Disability Resources and Services, call (412) 648-7890 (Voice or TTD) to schedule an appointment. The Disability Resources and Services office is located in 140 William Pitt Union on the Oakland campus.

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Statement On Classroom Recording:

To ensure the free and open discussion of ideas, students may not record classroom lectures, discussion and/or activities without the advance written permission of the instructor, and any such recording properly approved in advance can be used solely for the student's own private use.

Mon January 5	Introduction
Wed January 7	What is philosophy of biology? <u>Reading:</u> S&D Chapter 1
Mon January 12	Biology Before Darwin (#) <u>Reading:</u> Selections from <i>The Philosophy of Biology: An Episodic History</i> (on Course Web)
Wed January 14	Charles Darwin Part 1 (#) <u>Reading:</u> Origins Introduction, Chapter 3 & 4
Mon January 19	No Class
Wed January 21	Charles Darwin Part 2 (#) <u>Reading:</u> Origins Chapter 3 & 4, Conclusion
Mon January 26 <i>*QUIZ 1*</i>	The Modern Synthesis Part 1 <u>Reading:</u> Selections from <i>The Philosophy of Biology: An Episodic History</i> (on Course Web)
Wed January 28	The Modern Synthesis Part 2 (#) <u>Reading:</u> S&D Chapter 2
Mon February 2	Genes and Reductionism Part 1 (#) <u>Reading:</u> S&D Chapter 6, selections from <i>The Philosophy of Biology: An Episodic History</i> (on Course Web)
Wed February 4	Genes and Reductionism Part 2 (#) <u>Reading:</u> S&D Chapter 7, 8
Mon February 9	Units of Selection <u>Reading:</u> S&D Chapter 3, 4
Wed February 11	DEBATE #1: Are genes the primary unit of selection?
Mon February 16 <i>*QUIZ 2*</i>	Evolution and Development <u>Reading:</u> S&D Chapter 5
Wed February 18	Adaptation and Function Part 1 (#) <u>Reading:</u> S&D Chapter 10
Mon February 23 <i>*PAPER DUE*</i>	Adaptation and Function Part 2 <u>Reading:</u> TBD (will be posted on Course Web)
Wed February 25	Species and Speciation <u>Reading:</u> S&D Chapter 9
Mon March 2	DEBATE #2: Are species real?
Wed March 4	Ecology (#) <u>Reading:</u> S&D Chapter 11
	Spring Break
Mon March 16	History of Life (#) <u>Reading:</u> S&D Chapter 12

Wed March 18 *QUIZ #3*	Biology and Human Nature Part 1 <u>Reading:</u> S&D Chapter 13
Mon March 23	Biology and Human Nature Part 2 <u>Reading:</u> S&D Chapter 14, selections on sociobiology (on Course Web)
Wed March 25	DEBATE #3: Can evolution explain human behavior?
Mon March 30	Sex and Gender (#) <u>Reading:</u> Fausto-Sterling selections (on Course Web)
Wed April 1	The Neuroscience of Sex Differences (#) <u>Reading:</u> Selections from <i>Delusions of Gender</i> (on Course Web)
Mon April 6	Race and Biology Part 1 (#) <u>Reading:</u> historical selections (on Course Web)
Wed April 8	Race and Biology Part 2 (#) <u>Reading:</u> Rosenberg et al., Nature Genetics editorial, Burchard et al., Root (on Course Web)
Mon April 13 *QUIZ #4*	Intelligent Design <u>Reading:</u> Kitzmiller v. Dover School Board trial documents (on Course Web)
Wed April 15 * PAPER DUE*	Review / Wrap Up <u>Reading:</u> S&D Chapter 15