

GENETICS

Bio. 2313 Section 901
TR 8:00-9:15

Fall 2007
BV 3.306

Instructor: Pattie Thompson, M.S.
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Office hours: TR - after class (DT) Wed. 3:00 - 4:00 p.m.(1604) and by appointment

Required Text: Genetics, A conceptual Approach, Pierce, Benjamin A 2nd edition.
W.H. Freeman and Co. 2005.

Prerequisites: Bio 1113 and 1122 and Che 1103 or an equivalent

EXAM DATES

MATERIAL COVERED

Tuesday, Sept. 11	Exam 1	Chapters 1-5
Tuesday, Oct. 2	Exam 2	Chapters 6-10
Thursday, Oct. 25	Exam 3	Chapters 11-15
Thursday, Nov. 15	Exam 4	Chapters 16-20
Thursday, Dec. 6	Final Exam 7:30- 10:15	Chap 21-23 and material from previous exams

Other important dates:

Oct. 24 – Last day to withdraw with automatic W

Nov. 22,23 - Thanksgiving

**We will cover approximately one chapter per class meeting. Read ahead.
Only the material covered in class will be on the exams.**

Course Goals: This course is designed to teach the principles governing the inheritance of traits between parent and offspring in plants and animals, with an emphasis on the molecular basis of heredity.

EXAMS: Five exams will be given at times indicated on the course schedule. These exams will be multiple choice and problems/short answer questions. You may drop your lowest grade. **THERE WILL BE NO MAKEUP EXAMS GIVEN!** If you miss an exam it will be considered the one you drop.

Quizzes: Twelve quizzes will be given randomly throughout the semester. The two lowest grades will be dropped.

SCANTRON FORMS: You will need 12 **ParSCORE QUIZ FORM** (PINK!) for quizzes. Have one with you at all times! For exams you will need the **ParSCORE Test Form** (GREEN and it has a space for your ID number).

Problems: Problems and questions will be assigned from most chapters covered. These will be used on the exams as part of the problem/short answer section.

Final grade: Exams – 80%, Quizzes – 20%

Grading scale will be: 90-100 A, 80-89 B, 70-79 C, 55-69 D, below 55 F.

Hold all graded work in the event a question arises regarding your grade.

Notes on WebCT: Notes for each chapter will be posted on WebCT and you should print a copy for your use prior to each class. These notes are not meant to be inclusive. Other material presented in class that expands on the notes may also be included on quizzes and exams. Again, material in the text that is not covered in class will not be on the quizzes or exams.

ACADEMIC DISHONESTY WILL NOT BE TOLERATED!

Policy on cheating: Students are expected to be above reproach in scholastic activities.

Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and dismissal from the University. Scholastic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an exam for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. Regents Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, Subdivision 3.22. Since scholastic dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced.

STUDY TIPS

1. **Read ahead of time.** Read for general understanding. Don't get bogged down on details the first time through.
2. **Let the textbook guide you.** Read the chapter concepts and the concepts summary for an overview of the materials.
3. **Get to class on time.** I begin each lecture with a brief review of the previous day's lecture and there might be a quiz!
4. **Take good lecture notes.** Listen for key ideas. Don't copy every word I say. You may want to record the lectures.
5. **Work in a study group.** If you can explain it to someone, then you probably really understand it. Flash cards are a good idea for those things that you have to memorize.
6. **Ask questions.** There will be a chance at the beginning and, hopefully, end of every class for questions. Feel free to interrupt with clarification type questions but save the "Can you start over from the beginning?" questions for office hours!
7. **Enjoy the material!**