Course topic. This course is designed to familiarize you with basic principles of human genetics, genetically caused diseases, and the relevance of genetics research and knowledge to human society.

Grades. Your grade in this course will be calculated as follows:

- Problem Sets:  1/4
- Two Midterm Exams:  1/2 (1/4 each)
- Final Exam:  1/4

There will be no make-up exams, without making arrangements in advance. For exams and for the course total, I grade on a curve: the mean score will be near the low B/high C boundary, and usually about 15% of the class receives an A.

Course Web Site. Course materials (syllabus, course description, lecture slides, problem sets and keys, exam keys, and grades) are available online: http://biology.uoregon.edu/classes/bi122s08/. To check your grades, you go to the course home page and click on “check grades.” To log on, type “bi122” in the top box, and “student” in the lower box. You then enter a 3 digit personal code that you can get from your Teaching Assistant, either in your discussion section or by email. Please notify your teaching assistant if we make mistakes entering your scores for problem sets and exams.

Biology Microcomputing Center. You can take advantage of the Biology Microcomputing Center for this course, located in 33 Klamath (ground floor of Klamath Hall). They will help you print out (for free) the lecture slides, which you should bring to lecture to help with taking notes. You can print out one, two, three, four, or more slides/page, depending on how large you want the images to be (ask the staff how). You can also print out the course syllabus and other files. The staff also can help you access your grades, as long as you know your 3 digit personal code, and answer other questions about the course web site.

My office hours. If you have questions about the course material, you can stop by my office (375E Streisinger) and visit me during my office hour (Wednesdays 10:30-11:30 a.m.). You also are welcome to ask questions by email, at bowerman@uoregon.edu, and to talk with me before or after class.

Teaching assistants: Michelle Lu and Luke Carter are the TAs in this course. They will run the discussion sessions, and will have office hours. Their email addresses are (Luke: raper987@hotmail.com; Michelle: mlu@uoregon.edu). Luke’s office hour will be Mondays, 3:00-4:00 p.m.; Michelle’s office hour will be Thursdays, 2:00-3:00 p.m. Both Luke and Michelle will have their office hours in the Gazebo on the third floor of the Streisinger Building (which connects Klamath/Willamette Halls to Huestis Hall (you can enter through Huestis). The Gazebo is a glass-enclosed room with an outdoor balcony, and a small round indoor table that works well for office hours.
Required reading and lecture materials. “Human Genetics” by Ricki Lewis (8th Edition) is the textbook. Chapters of required reading are listed on the syllabus. Copies of the textbook are available for 2 hour reservations in the Science Library.

Discussion sections and problem sets. There will be six short problem sets that you will be required to turn in at the Discussion sections, and which will then be discussed during the Discussion sections. Attendance is mandatory for all the discussion section. You can receive full credit for a problem set only if you turn it in at the beginning of the discussion section. If you return it at the end of the discussion, you can receive up to one half of the full credit. Problem sets, and the keys, will be posted on the course website.

Mid-term Exam and the Final Exam. The exams will consist entirely of multiple choice questions (with Scantron grading). Exams will be closed-book and closed-notes. The Final Exam will be cumulative and cover the entire course. Exam questions will be based entirely on lecture topics. Information from the required reading that is not covered in my lectures will not be used for exam questions. An exam key from a previous year of this course will be posted on the course web site to help you prepare for the exams.

FINAL EXAM SPECIAL ANNOUNCEMENT: the Final Exam will be on the LAST DAY of classes (end of Week 10), in class, from 8:30 a.m. to 9:50 a.m. (instead of during finals week). If you have multiple exams or papers due on the last day of class, email me and we can arrange for you to take the exam during finals week (preferably early in the week, and everyone at the same time).