Genetics 320

Spring 1985

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Text: Lecture material will be emphasized over textbook material. Therefore, any recent text in Genetics is appropriate. However, the recommended text is "The Science of Genetics" by George Burns, 5th Edition. Use the index and chapter headings to follow the lectures. Also, I recommend the use of the unabridged dictionary.

Office hours: The instructor plans to be available regularily on Wednesday afternoons 2 - 4 P.M. An appointment may be made for other times.

Discussion Section: Unlike Wisconsin and California Universities which have regular Discussion Sections for all genetics students once a week, this school does not do so. A graduate assistant in genetics will be available to help students, if they make an appointment. If enough demand exists, we can assign a time and place for regular sessions.

Grading: I use a partial "curve" grading system based on total points; therefore, interim letter grades are approximations only. I plan to use machine graded exams with "choose the best answer out of 5 or 10" style. So bring your student number and a #2 (soft) pencil for the exams. Black in the answer circle completely, and do not write on the back or make stray marks to mislead the machine's processing of the answer sheets. Use the backs of the question sheets for a scratch sheet, calculations, etc. You may keep your exam questions, and answers. Check exams for machine error. Study your past exams for the final. Make-up exams are more difficult and/or are graded more severely. My exams are usually comprehensive. Your performance during the course in comparison with that of the other students should not be marred by end of term manipulations to get those few points between letter grades. So prepare before exams.

Exam I	100 points
Homework I	60 points
Exam II	100 points
Homework 2	20 points
Exam III	100 points
Library Report	20 points
Final Exam	200 points
	600 points

Basic genetics taught at ISU currently is divided into 3 approaches, i.e. 3 courses. All three present the same principles, but with quite different slants or emphasis. Human Heredity and Society is aimed at Sophomores and includes more human genetics, social, ethical, and political issues than the others. Introductory Genetics: A Classical Approach is intended for Junior level students with fuller Mendelism, and traditional areas covered. Principles of Genetics: A molecular approach also is for Junior level with greater biochemical, molecular coverage. These notes are intended to fit the middle course mentioned with emphasis on classical genetics.