

Course Overview

Course title: Human Genetics

Course number: BIO 235

Course description: This course covers the cellular basis of inheritance, patterns of inheritance, basic pedigree analysis, mutation, single-gene and polygenic diseases, and an introduction to genetic biotechnology.

Prerequisites: BIO 233 or instructor consent

Overview of Course Components

During each module of the course, you will typically encounter the following optional and required course components. For best success in this course, it is recommended to complete most or all of them, particularly for content that you find more challenging. However, note that some components are optional and are simply available to you to aid in your studying as needed.

(Optional) Warm-ups: Get a quick introduction and mental warm-up on the module's content by testing yourself with a few true/false questions. Get simply 00211wa02810(5d0in)7j103Ac0TD\10

Grading Policy

Point distribution: Your grade in this course will be calculated as follows. (The following point distribution is subject to minor adjustments if necessary.)

Assignment Title and Description	Points
"First Steps" items	10
Assignments: 10 @ 30 points each	300
Quizzes: 3 highest @ 80 points each	240
Midterm Exam (proctored)	100
Final Exam (proctored)	200
Discussion posts: 8 @ 10 points each	80
Written Assignment 1: OMIM Report	20
Written Assignment 2: Genetics in the News	50
TOTAL	1,000

Grade scale:

Points	Percentage	Grade
900 and above	90.0% and above	A
800 to 899	80.0 to 89.9%	B
700 to 799	70.0 to 79.9%	C
600 to 699	60.0 to 69.9%	D
599 and fewer	59.9% and below	F

Grade disputes: If you feel that that you have been unfairly graded, contact the instructor at [y]-6 (ou)]TJ 0 Tc3.96 f 95[w]2.