STAT 109: Introductory Biostatistics

Spring 2026

Welcome to **STAT 109: Introductory Biostatistics**!

Quick Start

- **Course Schedule** - Weekly schedule and course materials
- **Course Syllabus** - Detailed course information and policies
- **Lectures** - All course lectures organized by week
- **Assessments** - Quizzes, exams, and projects
- **Resources** - Textbook, R downloads, and reference materials

Course Overview

STAT 109: Introductory Biostatistics (4 units) introduces descriptive statistics, probability, random variables, distributions, confidence intervals, hypothesis testing, regression, and ANOVA with emphasis on applications in biological and natural resource sciences.

Lecture: Monday, Wednesday, Friday, 11:00–11:50 AM, BSS 166
Lab: Thursday (select one section: 9:00–10:50 AM, 11:00–12:50 PM, or 1:00–2:50 PM), FH 202
General Education: Lower Division GE Area 2 (Quantitative Reasoning)

Course Structure

Includes collaborative daily warm-ups, weekly programming labs, weekly quizzes, two midterms, and five portfolio ready projects. Optional final exam may replace one midterm grade.

Instructor Information

Instructor: Dr. Rosanna Overholser
Office: BSS 334
Email: rho3@humboldt.edu
Office Hours: Mondays 2-3pm, Wednesdays 12-12:50pm, Fridays 10-10:50am, or by appointment