

## BIOL5000: Biostatistics (Spring 2012)

### 1. Course Information

- Course number and section: BIOL5000(A)
- Course name: Biostatistics
- Hours of credit: 4
- Prerequisites or corequisites as listed in university catalogue: Prerequisite: Admission into the graduate program or permission of the instructor.
- Classroom location and room number: BC2022(for the lecture, 9:00 am- 9:50 am, MW), BC 3018(for the lab, 10:00-11:50 am, MW)
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- Course objectives or outcomes:
  - Learn basic terminology and techniques in statistics.
  - Application of basic statistics to biology.
  - Learn computational tools (Excel and MiniTab) used in statistical analysis
  - Interpretation of biology through numbers
  - Presentation of the statistical techniques used in your research
  - Demonstrate competency in the statistics part in standard tests such as MFT, GRE and MCAT

5. Assignments (explicitly aligned with the goals, objectives, or outcomes)

- General description of the assignments: Students are required to read the textbook to be covered before coming to the class. At the beginning of a new chapter you will be given a quiz. Some additional materials will be posted on the BI

7. Schedule of Activities or Assignments, including university-scheduled final exam time (schedule is tentative and may be subject to change)

Date	Class	Lab
1/7	Introduction	Visual presentation of elements: Graph
1/9	Ch 1	Amino acids: Molecular weight, Charge, Amino acid explorer

## 8. Classroom Policies

- Attendance and tardiness: Any absence policy should conform to the university policy. University Attendance Policy from the VSU catalogue:  
The University expects that all students shall regularly attend all scheduled class meetings held for instruction or examination. When students are to be absent from class, they should immediately contact the instructor.

- Accommodations Statement:

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