

# **Biostatistics**

## **Sample Curriculum for MA Students**

Students pursuing the MA in Biostatistics are required to take a minimum of 12 units of coursework per semester.

The Biostatistical Methods Courses (PH 240 Series) & the STAT 200 Series are recommended for all Biostatistics students.

The coursework choice is flexible, allowing students to tailor the classes to best fit their interests and career goals.

### **Year 1 – Fall**

Public Health 240A – Biostatistical Methods: Advanced Categorical Data Analysis – 4 units

Statistics 200A – Introduction to Probability & Statistics at an Advanced Level – 4 units

Public Health 248 – Statistical/Computer Analysis Using R – 3 units

Elective(s)

### **Year 1 – Spring**

Public Health 240B – Biostatistical Methods: Survival Analysis & Causality – 4 units

Statistics 200B – Introduction to Probability & Statistics at an Advanced Level – 4 units

Elective(s)

### **Year 2 – Fall**

Public Health 240C – Biostatistical Methods: Computational Statistics with Applications in Biology & Medicine – 4 units

Statistics 215A – Statistical Models: Theory & Application – 4 units

Statistics 272 – Statistical Consulting – 3 units

Elective(s)

### **Year 2 – Spring**

Public Health 240D – Biostatistical Methods: Applications of Statistics to Genetics & Molecular Biology – 4 units

Statistics 232 – Experimental Design – 4 units

Statistics 240 – Nonparametric & Robust Methods – 4 units

Elective(s)