PhD Minor in Biostatistics
(2019/2020 academic curriculum guide)

The PhD minor in Biostatistics is administered by the Biostatistics concentration in MEZCOPH. The PhD Minor in Biostatistics is designed for individuals from other University of Arizona doctoral degree programs who wish to obtain graduate training in Biostatistics. A total of 15 course credits are required. Admission to the minor must be approved by the Biostatistics minor faculty representative and the Biostatistics Program Director, no later than enrollment in the second minor course. Selection of courses must be performed in consultation with the Biostatistics minor faculty representative.

PhD Minor in Biostatistics Requirements:

**Minor Courses (minimum of 15 units)**
- BIOS 576C  Applied Biostatistics Analysis (3)
- BIOS 576D  Data Management and the SAS Programming Language (3)
- BIOS 647   Analysis of Categorical Data (3)
- BIOS 648   Analysis of High Dimensional Data (3)
- BIOS 675   Clinical Trials and Intervention Studies (3)
- EPID 677   Principles of Genetic Association Studies (3)
- BIOS 684   General Linear and Mixed Effects Models (3)
- BIOS 688   Statistical Consulting (3)
- BIOS 686   Survival Analysis (3)
- BIOS 687   Theory of Linear Models (3)
- MATH 564   Theory of Probability (3)
- MATH 566   Theory of Statistics (3)
- STAT 571A  Advanced Statistical Regression Analysis (3)
- STAT 571B  Design of Experiments (3)
- STAT 675   Statistical Computing (3)

It is the responsibility of the student to have met prerequisites (if not already required for the student's Major), such as:

- BIOS 576A  Biostatistics in Public Health
- BIOS 576B  Biostatistics for Research