

## PhD Minor – Biostatistics Curriculum

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**Effective for those following the 2024/2025 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 9 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 9 units)**

BIOS 511	Healthcare Data Science (3)
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)
EPID 677	Genetic Association Studies (3)
BIOS 680	Biostatistical Method I: Clinical Trials/Survival Analysis (3)
BIOS 684	General Linear and Mixed Effects Models (3)
BIOS 688	Statistical Consulting (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)

Alternative courses may be included as part of the PhD minor with the approval from student's PhD minor faculty representative and the Biostatistics Program Director.

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

