PhD Biostatistics

**Concentration:** Biostatistics (BST)  
**Degree:** Doctor of Philosophy in Public Health  
**Delivery:** Traditional

Biostatistics involves the development and application of statistical techniques to scientific research in health-related fields, including medicine, biology, and public health. From the beginning of the 20th century, the field of biostatistics has been at the quantitative core of efforts to improve health and reduce illness. Biostatisticians play indispensable roles in designing studies and analyzing data as diverse as the testing new drugs to combat AIDS, evaluating interventions to reduce drug and alcohol addiction, determining risk factors for heart diseases, regulating environmental hazards, and protecting food safety. Today biostatistics is becoming the backbone of informatics to process massive data that are generated on an unprecedented scale.

The PhD program provides advanced training and research opportunities in statistical theory, biostatistical methods, and their applications in a wide spectrum of fields including epidemiology, mental health prevention, environmental health, clinical trials, and health services research. With a curriculum that is both interdisciplinary and adaptive to individual student needs and interests, the program prepares students for a career as a methodologists in academia, government, industries, and health care organizations.

**Program of Study**

If you have questions on your program, please contact the Doctoral Training Office at cophdoctoral@usf.edu.

If you are a current student, you may view your current progress in Archivum at usf.appiancloud.com/. (See Archivum instructions.)

If you are not a current student, or want to view program requirements from a different catalog year please use these sources:

- 2020/21 USF catalog PhD planner or COPH catalog section
- 2019/20 USF catalog PhD planner or COPH catalog section
- Any prior year please view the USF Graduate Catalog Archives

There may be circumstances in which a student may need to change their catalog year. This must be initiated through a discussion with your academic advisor. Details regarding USF policy on changing catalog year can be found at https://catalog.usf.edu/content.php?catoid=12&navoid=1375#students-major-degree-requirements.

**Current Competencies (beginning fall 2017)**

PhD Competencies  
Biostatistics Competencies

### 2011 - 2016 Competencies

- Track the Fulfillment of Your Competencies: Your COPH Competencies Database Record  
- PhD Competencies  
- Biostatistics Competencies

Please send feedback on the PhD Guidebook