

Graduate Certificate Program in Biostatistics

**Division of Biostatistics
Department of Public Health and Preventive Medicine
School of Medicine
Oregon Health & Science University**

Description of the program

This program will provide basic and intermediate graduate level biostatistics training for a diverse range of students in the health sciences. It is primarily aimed at researchers, students in other programs, and other working professionals who are interested in becoming more skilled in applied biostatistics methods and theory.

Candidates should possess an aptitude for mathematics and a desire to learn biostatistics. Thirty (30) credits (18 credits in core courses, 12 in electives) will be required to earn the Certificate in Biostatistics which can be taken on a part-time or full-time basis. The program is comprised of formal didactic sessions and hands-on statistical computing. Classroom and laboratory training will include ample contextualized examples. Opportunities exist for mentored collaborative health science research experiences involving on-going projects at OHSU.

We accept applications every year from September 1 through February 15 for the following Fall term.

Goals of the program

The program will produce high quality graduates equipped with a well-rounded background in applied biostatistics and skills to

- Perform a broad range of basic and intermediate level applied statistical procedures that are required in basic, clinical, population and translational sciences.
- Interpret and summarize analysis results in research reports and papers and communicate them to individuals with varying degrees of statistical knowledge.
- Apply the principles of research design to address problems in basic, clinical, and population sciences.
- Identify strengths and weaknesses of alternative designs and analytic methods.
- Conduct analyses for the student's own research projects or provide support to collaborative research teams.

For more information:

<http://www.ohsu.edu/academic/public-health/biostatistics/>

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