

Master Degrees in Biostatistics

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

Description of the program

The MS and MBST programs are designed to provide graduate level training in the application and theory of biostatistics to those wishing to pursue a career as an intermediate level biostatistician or apply for doctoral programs in Biostatistics. Both programs are also appropriate for individuals who have earned a Graduate Certificate in Biostatistics at OHSU and wish to pursue further training.

Candidates should possess an aptitude for mathematics and a desire to learn biostatistics. Forty-eight (48) credits will be required to earn the MS or MBST. A thesis is required for the MS degree. Students in the MBST program will have to pass a comprehensive test and take 3 additional credits in lieu of the thesis. Both programs can be taken on a part-time or full-time basis. The programs will include formal didactic sessions and hands-on statistical computing training. Opportunities exist for mentored collaborative health science research experiences involving ongoing projects at OHSU.

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

We also have a Graduate Certificate in Biostatistics. Please visit our website for more information.

Goals of the program

The program will produce high quality master's level biostatisticians equipped with a well-rounded background in both theory and applications of biostatistics and skills. Graduates of our program will be able to:

- Apply intermediate to advanced biostatistical theory and techniques to design, plan, and manage data collection to conduct analysis for own research projects or support collaborative research teams.
- Translate broad research goals into specifications and procedures for statistical analysis and interpretation of results in basic, clinical, translational, and public health research studies.
- Select and use appropriate statistical analysis software for assessment, decision-making, and information-sharing (e.g., Stata, SAS, R, or other special programs).
- Communicate statistical methods and findings clearly and unambiguously to specialists and non-specialist audiences.

For more information:

<http://www.ohsu.edu/msbiostat>

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