FAQ

How long does it take to graduate?

The 30-credit program can be completed in one year. The program can also be completed on a part-time basis.

Is the GRE required?

No, the GRE is not required.

Is the TOEFL exam required?

Yes, for non-native speakers of English TOEFL examination is required.

What will the class schedule look like?

Classes will normally be held in the morning and late afternoon. For the exact schedule, please visit our website.

Do I have to be admitted/matriculated into the program to take a class?

No, you may take selected classes in the program without being matriculated. Permission from the Biostatistics Program Office is required prior to registration.

Can I be enrolled in other degree programs?

Yes, you can be concurrently enrolled in other degree progams at OHSU and programs external to the university.

What kind of financial aid is available?

The financial aid office can advise you on your eligibility for student loans. Check their website for more information, or contact the OHSU financial aid office.

Does the program particpate in the OHSU employee tuition discount benefit program?

No, this OHSU employee tuition discount is not available for the program.

OREGON
HEALTH
& SCIENCE
UNIVERSITY

Contact Information

For admissions information, contact:

Tree Triano, Education Manager
Biostatistics Program
Public Health & Preventive Medicine
Oregon Health & Science University
Mail Code: CB 669
3181 S.W. Sam Jackson Park Road
Portland, OR 97239
tel 503-494-2012
fax 503-494-4981

biostatprogram@ohsu.edu
www.ohsu.edu/academic/public-health/biostatistics

Change can't happen if we see things just one way. That's why diversity is important to who we are. We are proud to be an equal opportunity employer. 12/06 (20) 012806

Graduate Certificate in Biostatistics

Division of Biostatistics

Department of Public Health & Preventive Medicine

School of Medicine

Oregon Health & Science University

OREGON
HEALTH
& SCIENCE
UNIVERSITY

Goals

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.

Admission & Tuition

Admission requires a bachelor's degree and one undergraduate course in statistics.

Selected biostatistics certificate courses are open to interested persons without a need to matriculate into the program. Permission from the Biostatistics program is required prior to registration.

The tuition for any of the certificate classes for the 2010 – 2011 academic year is $350 per credit for residents and $450 per credit for non-residents.

Curriculum

A total of 30 credits is required to complete the certificate program.

Required Courses

The program requires six courses (18 credits):

Estimation and Hypothesis Testing for Applied Biostatistics (4 credits)

Linear Models (4 credits)

Categorical Data Analysis (4 credits)

Survival Analysis (3 credits)

Biostatistics Lab (3 credits)

Electives

An additional twelve elective credits can be taken from the following:

Data Management & Analysis in SAS (3 credits)

Spatial Data Analysis with Geographic Information Systems (GIS) (3 credits)

Statistical Methods in Clinical Trials (3 credits)

Topics in Biostatistics (3 credits)

Design and Analysis of Surveys (3 credits)

Epidemiology I (4 credits)

Epidemiology II (4 credits)

Bioinformatics & Computational Biology I (4 credits)

Bioinformatics & Computational Biology II (4 credits)

Reading and Research in Biostatistics (1 – 3 credits)

Faculty

Yiyi Chen, PhD, Assistant Professor
Design and analysis of clinical trials/Bayesian Statistics

Dongseok Choi, PhD, Associate Professor
Spatial Statistics/GIS/Time Series
High dimensional data/Statistical learning

Rochelle Fu, PhD, Associate Professor
Bayesian methods/Meta analysis
Analysis of Medicare/Medicaid data

Kenneth E. James, PhD, Professor
Design, conduct and analysis of clinical trials

Jodi A. Lapidus, PhD, Associate Professor
Categorical data/Proteomics/Biomarker studies
Statistical methods for epidemiology/Classification & prediction

Eun Sul Lee, PhD, Adjunct Professor
Complex survey design and analysis
Mental health research

Shannon McWeeney, PhD, Associate Professor
Statistical Genetics/Bioinformatics

Motomi Mori, PhD, Professor/Division Head
Oncology clinical trials/Biomarker studies
Analysis of high-throughput genetics/Genomics data

Thuan Nguyen, MD, PhD, Assistant Professor
Mixed-effects models/Model selection
Longitudinal data

Byung S. Park, PhD, Research Assistant Professor
General linear Models/Microarrays

Dawn Peters, PhD, Associate Professor
Clinical trial methodology/Randomization
Clinical outcomes research

Donald Pierce, PhD, Adjunct Professor
Biostatistics theory/Radiation research
Cohort study/Statistical methods of epidemiology

**For upcoming information sessions or more details, go to:
www.ohsu.edu/academic/public-health/biostatistics
or call 503 494-2012**