

Certificate in Genetic Epidemiology

Learn how to analyze and interpret genetic data using key statistical and genetic analysis approaches to understand the etiology and control of disease in groups of relatives and with inherited causes of disease in populations.

Semester	Course	Credit Hours
Summer YR1	Statistical Computing with SAS®	2
	Biostatistics I	3
	Introduction to R for Data Science	2
Fall YR1	Biostatistics II	3
	Fundamentals of Genetic Epidemiology	3
	Introduction to Bioinformatics	3
	Human Genetic Analysis	3
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The Certificate in Genetic Epidemiology is offered through the Division of Biostatistics. It is designed to enhance the ability to understand and communicate the latest findings in medical research. Students have up to 2 years to complete the certificate. Courses must be taken in sequential order.

Prerequisites

- Biology
- Genetics
- Calculus I
- Calculus II
- Introduction to Statistics
- Computer Programming

Application

Applicants are required to submit a completed application form including academic history, a personal statement, curriculum vita and a \$25.00 non-refundable application fee. Official transcripts may also be required.

Tuition

Tuition for AY21-22 is \$1,415 per credit hour and will increase incrementally each year.

Washington University employees may be eligible for tuition benefits and should consult their departmental HR office to determine what applies. All students are considered for merit-based scholarship.

Learn more.

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Washington University in St. Louis

SCHOOL OF MEDICINE