

# EPIDEMIOLOGY, POST-BACCALAUREATE CERTIFICATE

Epidemiologists are "disease detectives." At Saint Louis University, students who complete their certificate in epidemiology will start learning the investigative skills necessary to understand how to control disease and injury patterns in populations.

The epidemiology curriculum at SLU prepares students to discover how various behavioral, genetic, environmental and health policy factors affect the health of communities.

Whether it's an infectious disease outbreak, such as influenza, or a disparately high rate of hypertension in a resource-poor community, epidemiologists do the fieldwork that pinpoints the root causes, what the risks are, who is at risk and how to prevent further harm to the public.

## Curriculum Overview

The certificate program in epidemiology is designed for three distinct audiences:

1. Students actively pursuing their M.P.H. at Saint Louis University in a concentration other than epidemiology.
2. Graduate students in other disciplines at SLU who seek additional training in disease tracking.
3. Professionals seeking to gain additional skills in epidemiological methodology.

This 12-credit certificate can be completed over one to two years and is offered in person.

## Careers

Students of epidemiology at SLU have gone on to careers in public health departments, the U.S. Centers for Disease Control and Prevention, in hospitals and health systems doing infectious disease control and outcomes research, consulting companies and more.

## Admission Requirements

Applicants should have a bachelor's degree, preferably with at least a 3.00 grade point average. Experience in a health-related field is preferred, but not required. Applications are reviewed on a holistic and rolling basis. To apply, applicants will need to submit their transcripts, CV, personal statement and two letters of recommendation through SOPHAS Express (<https://sophasexpress.liaisoncas.com/applicant-ux/#/deeplink/programSearch/organization/5077527303125433344>), the common application system for public health schools and programs.

## Tuition

Tuition	Cost Per Credit
Graduate Tuition	\$1,400

Additional charges may apply. Other resources are listed below:

Net Price Calculator (<https://www.slu.edu/financial-aid/tuition-and-costs/calculator.php>)

Information on Tuition and Fees (<https://catalog.slu.edu/academic-policies/student-financial-services/tuition/>)

Miscellaneous Fees (<https://catalog.slu.edu/academic-policies/student-financial-services/fees/>)

Information on Summer Tuition (<https://catalog.slu.edu/academic-policies/student-financial-services/tuition-summer/>)

## Scholarships and Financial Aid

For more information about Saint Louis University scholarships and financial aid, please visit the Office of Student Financial Services (<https://www.slu.edu/financial-aid/>).

## Accreditation

Saint Louis University's College for Public Health and Social Justice is fully accredited by the Council on Education for Public Health (CEPH). To see our most recent accreditation documentation, please visit the College for Public Health and Social Justice website (<https://www.slu.edu/public-health-social-justice/>). (<https://www.slu.edu/public-health-social-justice/about/accreditation.php>)

## Learning Outcomes

1. Assess the health of populations by comparing appropriate health-related metrics across populations, places and times.
2. Apply epidemiologic methods to draw valid inferences from public health data.
3. Synthesize epidemiologic findings and communicate them to technical and non-technical audiences.

## Requirements

Students must earn a B- or better in all required courses. Elective courses may be passed with a C or better. Students may not take the same course more than two times.

Code	Title	Credits
BST 5100	Introduction to General Linear Modeling	3
EPI 5020	Epidemiology Methods II	3
EPI 5XXX	EPI Graduate Elective from MPH Electives - Epidemiology Departmental Attributes	6
<b>Total Credits</b>		<b>12</b>

## Continuation Standards

Students must maintain a cumulative grade point average (GPA) of 3.00 in all graduate/professional courses.

## Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their

advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

Course	Title	Credits
<b>Year One</b>		
<b>Spring</b>		
BST 5100	Introduction to General Linear Modeling	3
EPI 5020	Epidemiology Methods II	3
<b>Credits</b>		<b>6</b>
<b>Year Two</b>		
<b>Fall</b>		
Epidemiology Attributed Graduate Elective		3
<b>Credits</b>		<b>3</b>
<b>Spring</b>		
Epidemiology Attributed Graduate Elective		3
<b>Credits</b>		<b>3</b>
<b>Total Credits</b>		<b>12</b>

## Contact Us

Apply for Admission (<https://sophas.liaisoncas.com/applicant-ux/#/deeplink/programSearch/organization/6425937835738032128>)

For additional admission questions, please contact:

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