

Registered students please go here for the most recent syllabus, readings and assignments:

<https://hserv.washington.edu/courses/course/view.php?id=128>

Sample Syllabus Summary:

The assignments and readings are from a previous Quarter. They will most likely change – use as an example ONLY.

**Epidemiology 511: Introduction to Epidemiology
Extended Degree Program, Summer, 2007**

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Course Overview and Objectives

Epidemiology 511: Introduction to Epidemiology is a 3-credit introductory course for students in the Extended Degree MPH program. The overall goal of the course is to provide health professionals with the knowledge and skills that will enable them to analyze clinical problems, and to make clinical and program/policy decisions, based on application of epidemiological concepts and methods in a variety of settings. To achieve this goal, the course will incorporate lectures, assigned readings, problem sets, group discussions and examinations of learning progress.

Students completing this course will be able to:

- 1) Demonstrate knowledge and mastery of basic epidemiologic concepts and methods
- 2) Describe the epidemiologic approach to addressing problems in health care, and apply epidemiologic methods to specific clinical problems.
- 3) Recognize the role of epidemiology in identifying the causes of diseases in order to develop preventive methods, designating populations at high risk for particular diseases, and evaluating new treatment procedures and interventions.
- 4) Utilize epidemiologic knowledge and methodology in critical review and analysis of scientific literature to assess the quality of research design and the validity of conclusions.

- 5) Delineate the role of epidemiology in identifying and addressing disparities in health and health services relative to racial, cultural and socio-economic population differences.
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Disability Accommodation

If you would like to request academic accommodations due to a disability, please contact Disabled Student Services, 448 Schmitz, (206) 543-8924 (V/TTY). If you have a letter from Disabled Student Services indicating you have a disability that requires academic accommodations, please present the letter to the instructor so we can discuss the accommodations that you might need for the class.

Student evaluation and grading

Student learning progress and achievement will be evaluated on the basis of non-graded "homework" exercises, completion of three "graded assignments", two in-class quizzes, and a comprehensive final examination.

Text and Readings

Students are required to read assigned materials in the texts. Comprehension and mastery of epidemiology is often enhanced by learning from two different perspectives and descriptions. The assigned readings will form the basis for class lectures. Students are expected to read assigned reading in the textbooks **prior** to each class session.

In addition, the course materials include selected articles from professional publications. These articles are provided to enhance the text materials with examples from epidemiologic literature.