Emerging Infectious Disease Epidemiology

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Graduate certificate: emerging infectious disease epidemiology

Emerging infectious diseases increasingly are recognized as global and regional issues. Some infectious diseases are controlled effectively with the help of modern technology. But new diseases—such as SARS, West Nile, and avian influenza virus infections—appear frequently, and older ones, including malaria, tuberculosis, and bacterial pneumonia, are now appearing in forms that are resistant to drug treatments. All of them have the potential to seriously affect human and animal health as well as economies locally and worldwide. They pose novel and unceasing challenges for professionals in health care, government, and private agencies.

The Certificate in Emerging Infectious Disease Epidemiology is administered by the Department of Epidemiology. The Graduate College grants the certificate.

Graduate Program of Study
• Certificate in Emerging Infectious Disease Epidemiology

The certificate program provides basic information and training related to infectious diseases. It is designed for a broad range of individuals, including graduate students, international public health professionals, laboratory professionals, physicians, nurses, veterinarians, and medical technologists.

At this time, applications are only being accepted from current University of Iowa degree-seeking graduate students.

Certificate

The Certificate in Emerging Infectious Disease Epidemiology requires 12-13 s.h. of graduate credit.

Three of the certificate's required courses must be completed on campus: EPID:5570 Zoonotic Diseases, EPID:5580 Public Health Laboratory Techniques, and EPID:5590 Applied Infectious Disease Epidemiology or EPID:6550 Epidemiology of Infectious Diseases. The remaining courses may be completed on campus or by distance education.

Students must complete the certificate's required course work within five years of entering the program and must maintain a g.p.a. of at least 2.75 in work toward the certificate.

The Certificate in Emerging Infectious Disease Epidemiology requires the following course work.

Both of these:
EPID:5570 Zoonotic Diseases 2-3 s.h.
EPID:5580 Public Health Laboratory Techniques 1 s.h.

One of these:
EPID:5590 Applied Infectious Disease Epidemiology 2 s.h.
EPID:6550 Epidemiology of Infectious Diseases 3 s.h.

Two of these:
BIOS:5110 Introduction to Biostatistics 3 s.h.
EPID:4400 Epidemiology I: Principles 3 s.h.
EPID:5550 Diagnostic Microbiology for Epidemiology 3 s.h.
OEH:4240 Global Environmental Health 3 s.h.

Applicants to the certificate program must hold a baccalaureate degree from an accredited college or university and must have a g.p.a. of at least 2.75 (or foreign equivalent). For more information about the program and how to apply, visit the Certificate in Emerging Infectious Disease Epidemiology web site.