

Infectious Disease Area of Emphasis Electives

These courses can be completed in addition to the minimum requirements for the PhD, MS Thesis, MS Applied or MPH in Environmental Health Sciences. Areas of Emphasis are not transcribed.

Students will attain these competencies by completing the electives below:

- Analyze transmission pathways for infectious diseases, and classify vehicles and vectors
- Compare and contrast host, environmental, and agent factors affecting transmission
- Evaluate, identify, and predict the emergence of infectious diseases
- Choose appropriate sampling methods and design effective sampling plans for environmental, human, and animal samples
- Choose and defend detection methods for infectious agents
- Choose and support approaches for investigation of infectious diseases in populations
- Select and justify control strategies for interruption of infectious disease transmission

See [DEOHS Courses Page](#) for Recent Syllabi

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Complete these courses:	
ENV H 551 Ecology of Environmentally Transmitted Microbiological Hazards (Winter)	3
ENV H 552 Detection & Control of Environmentally Transmitted Microbiological Hazards (Spring)	3
ENV H 547 Environmental Change and Infectious Disease (Spring)	3
ENV H 594 Current Topics in Environmental Health (Winter/Spring)	2

* This list does not show courses which may be required by your funding from a training grant, such as the [Northwest Center for Occupational Health and Safety \(NWCOHS\) Education and Research Center \(ERC\)](#). Please confirm which courses are required for your funding with the Training Grant Manager.