

## Requirements for the MS in Environmental Health

DEOHS Core Requirements		Credits
<b>Choose one:</b>		
BIOST 511 <sup>1</sup>	Medical Biometry I [A]	(4)
BIOST 517 <sup>1</sup>	Applied Biostatistics I [A]	(4)
EPI 511 <sup>2</sup>	Introduction to Epidemiology [A]	4
ENV H 501	Foundations of Environmental Health [A]	4
ENV H 505	Fundamentals of Env. and Occ. Toxicology [Sp]	4
ENV H 551	Human Exposure to Env. Contaminants [W]	4
<b>Choose one:</b>		
ENV H 543	Quantitative Microbial Risk Assessment [Sp]	(3)
ENV H 572	Environmental Risk and Society [A]	(3)
ENV H 577	Risk Assessment for Env. Health Hazards [A]	(4)
ENV H 580	Env. & Occupational Health Seminar [A,W,Sp]	1+1+1
<b>Minimum Credit Subtotal</b>		<b>26</b>
Degree Option Specific Requirements		
ENV H 541	Ecology of Env. Transmitted Microbial Haz. [A]	3
ENV H 552	Environmental Chemistry of Pollution [Sp]	4
<b>Minimum 6 credits from 2 of the 3 topic areas below:</b>		
<u>Waste Management:</u>		
ENV H 445	Solid Waste Management [A]	(3)
ENV H 546	Hazardous Waste and Public Health [W]	(3)
<u>Air Pollution:</u>		
ENV H 548	Community Air Pollution [W]	(3)
<u>Water and Wastewater:</u>		
ENV H 545	Water, Wastewater, and Health [A]	(4)
<b>Minimum Credit Subtotal</b>		<b>13</b>
Culminating Experience (Thesis)		
ENV H 583	Thesis Research Proposal Preparation [E]	1 (+2) <sup>3</sup>
ENV H 700	Master's Thesis [E]	9
<b>Minimum Credit Subtotal</b>		<b>10</b>
Electives		
TBD	Minimum additional elective credits <sup>4</sup>	<b>9</b>
<b>Total Minimum Credits =</b>		<b>58</b>

- Students can substitute a higher-level BIOST course for BIOST 511 or BIOST 517.
- Students can substitute a higher-level EPI course for EPI 511.
- ENV H 583 requires that students take 2 credits of either ENV H 700 (Thesis Preparation) or 600 (Independent Study) concurrently. If ENV H 700 is taken as part of this requirement, those 2 credits can count towards the minimum 9 credit ENV H 700 requirement. If a student takes ENV H 600 concurrently or chooses to take an additional 2 credits of ENV H 700 above the minimum 9 credit requirement, those 2 credits may count towards the elective requirement.
- Students select electives from the following list in consultation with their faculty advisor:
  - ENV H 441: Food Protection [W, Sp] (3)
  - ENV H 442: Zoonotic Diseases and Their Control [W] (3)
  - ENV H 461: Air Pollution Control [Sp] (4)
  - ENV H 542: Detection/Control of Env. Transmitted Microbiological Hazards [W] (3)
  - ENV H 543: Quantitative Microbial Risk Assessment [Sp] (3)
  - ENV H 556: Quantitative Occupational Exposure Analysis [W] (3)
  - ENV H 570: Occupational and Environmental Epidemiology [Sp] (3)
  - ENV H 574: Probabilistic Exposure Analysis [Sp] (3)

[A] = Typically offered in autumn quarter  
 [W] = Typically offered in winter quarter  
 [Sp] = Typically offered in spring quarter  
 [S] = Typically offered in summer quarter  
 [E] = Available every quarter