

2020 NREM MEM Curriculum map

Course / Activity	(1) Social/ Ecological Principles	(2) Analyze/Address NREM problems	(3) Communicate Effectively	(4) Conduct Scientific Research	(5) Function as Professionals
NREM 410		X			
NREM 420		X			
NREM 429		X			
NREM 450		X			
NREM 460					
NREM 461		X			
NREM 463		X			
NREM 467		X			X
NREM 475		X			
NREM 477		X			
NREM 480		X	X		
NREM 491 <sup>a</sup>	X				
NREM 491 <sup>b</sup>	X		X		
NREM 491 <sup>c</sup>	X	X	X		X
<b>NREM 600</b>	X	X			
<b>NREM 601</b>	X	X	X		X
NREM 605			X		X
NREM 610	X	X	X		X
NREM 611	X	X	X		X
NREM 612	X	X	X		
NREM 620	X	X	X		X
NREM 627		X	X		
NREM 631	X		X		
NREM 637					
NREM 640	X	X	X		
NREM 652					
NREM 658		X	X		X
NREM 660		X			
NREM 662		X			
NREM 664		X			
NREM 665	X	X	X		X
NREM 670			X		
NREM 671					
NREM 677		X	X		
NREM 680		X	X		
NREM 682		X	X		X

NREM 685		X			
NREM 690		X		X	
NREM 691 <sup>a</sup>	X				
NREM 691 <sup>b</sup>	X			X	
NREM 691 <sup>d</sup>		X		X	
NREM 691 <sup>e</sup>	X	X			
<b>NREM 695</b>	X			X	X
<b>NREM 696</b>	X	X		X	X
<b>NREM 701</b>				X	
<b>Research Methods</b>		X			

\***Bold indicates Courses/Activities required of all students**

1. Students demonstrate knowledge of social and ecological principles, and interdisciplinary aspects of natural resource and environmental management issues
2. Students can analyze and address natural resource and environmental management problems by using appropriate methods from social and/or natural science disciplines
3. Students communicate effectively, both orally and in writing, to diverse audiences including professionals, resource managers, local communities and policy makers
4. Students can conduct a capstone project of professional quality to acquire practical experience by applying NREM knowledge (M.S. Plan B)
5. Students can function as professionals in their specialization area by demonstrating responsible and ethical conduct, effective collaboration, informed decision making, and life-long learning
  - a. NREM 491/NREM 691 - Coastal and Marine Management Policy
  - b. NREM 491/691 - Fisheries Ecology
  - c. NREM 491- Natural Resource Issues and Ethics in Hawaii
  - d. NREM 691 - Remote Sensing of Tropical Phenology
  - e. NREM 691 - Sustainable Agroforestry Systems

2020 NREM MS Curriculum map

Course / Activity	(2) Social/ Ecological Principles	(2) Analyze/Address NREM problems	(3) Communicate Effectively	(4) Conduct Scientific Research	(5) Function as Professionals
NREM 410		X			
NREM 420		X			
NREM 429		X			
NREM 450		X			
NREM 460					
NREM 461		X			
NREM 463		X			
NREM 467		X			X
NREM 475		X			
NREM 477		X			
NREM 480		X	X		
NREM 491 <sup>a</sup>	X				
NREM 491 <sup>b</sup>	X		X		
NREM 491 <sup>c</sup>	X	X	X		X
<b>NREM 600</b>	X	X			
<b>NREM 601</b>	X	X	X		X
NREM 605			X		X
NREM 610	X	X	X		X
NREM 611	X	X	X		X
NREM 612	X	X	X		
NREM 620	X	X	X		X
NREM 627		X	X		
NREM 631	X		X		
NREM 637					
NREM 640	X	X	X		
NREM 652					
NREM 658		X	X		X
NREM 660		X			
NREM 662		X			
NREM 664		X			
NREM 665	X	X	X		X
NREM 670			X		

NREM 671				
NREM 677		X	X	
NREM 680		X	X	
NREM 682		X	X	X
NREM 685		X		
NREM 690		X	X	
NREM 691 <sup>a</sup>	X			
NREM 691 <sup>b</sup>	X		X	
NREM 691 <sup>d</sup>		X	X	
NREM 691 <sup>e</sup>	X	X		
<b>NREM 701</b>			X	
<b>NREM 700</b>				X
<b>Research Methods</b>			X	
<b>Thesis Proposal</b>		X	X	X
<b>Thesis Defense</b>		X	X	X

\***Bold indicates Courses/Activities required of all students**

1. Students demonstrate knowledge of social and ecological principles, and interdisciplinary aspects of natural resource and environmental management issues
2. Students can analyze and address natural resource and environmental management problems by using appropriate methods from social and/or natural science disciplines
3. Students communicate effectively, both orally and in writing, to diverse audiences including professionals, resource managers, local communities and policy makers
4. Students can conduct scientific research of professional quality in their specialization area (M.S. Plan A)
5. Students can function as professionals in their specialization area by demonstrating responsible and ethical conduct, effective collaboration, informed decision making, and life-long learning

- a. NREM 491/NREM 691 - Coastal and Marine Management Policy
- b. NREM 491/691 - Fisheries Ecology
- c. NREM 491- Natural Resource Issues and Ethics in Hawaii
- d. NREM 691 - Remote Sensing of Tropical Phenology
- e. NREM 691 - Sustainable Agroforestry Systems