

# Marine, Earth, and Atmospheric Sciences (MS)

## Degree Requirements

Graduate programs are offered in Atmospheric Science, Earth Science, and Marine Science. Specific course requirements are determined by the advisory committee of each student.

Students can choose focus area tracks from the following:

- Atmospheric Science Track (p. 1)
- Earth Science Track (p. 1)
- Marine Science Track (p. 1)

Degrees earned will be distributed as: "Master of Science in Marine, Earth, and Atmospheric Sciences" without track specifications.

## Atmospheric Science Track

Code	Title	Hours	Counts towards
<b>Seminar Course</b>		1	
MEA 601	Seminar		
<b>Area of Focus Courses</b> <sup>1</sup>		29	
Courses in the "Area of Focus" are determined in conjunction with the academic committee			
<b>Total Hours</b>		30	

<sup>1</sup> MEA 601 Seminar is required of all thesis M.S. students no later than the third semester in residence.

## Earth Science Track

Code	Title	Hours	Counts towards
<b>Seminar Course</b> <sup>1</sup>		1	
MEA 601	Seminar		
<b>Area of Focus Courses</b>		29	
Courses in the "Area of Focus" are determined in conjunction with the academic committee			
<b>Total Hours</b>		30	

## Marine Science Track

Within marine sciences the subdisciplines include:

- Biological Oceanography
- Chemical Oceanography
- Geological Oceanography
- Physical Oceanography

Code	Title	Hours	Counts towards
<b>Core Courses</b>		12	
MEA 540	Principles of Physical Oceanography		

MEA 549	Principles of Biological Oceanography		
MEA 570	Geological Oceanography		
MEA 573	Principles of Chemical Oceanography		
<b>Seminar Course</b> <sup>1</sup>		1	
MEA 601	Seminar		
<b>Area of Focus Courses</b>		11	
Courses in the "Area of Focus" are determined in conjunction with the academic committee			
<b>Courses Outside Area of Focus</b>		6	
"Courses Outside Area of Focus" are determined in conjunction with the academic committee			
<b>Total Hours</b>		30	

## Faculty

Viney Pal Aneja  
 DelWayne R. Bohnenstiehl  
 David B. Eggleston  
 David Paul Genereux  
 Peter Jeurgen Harries  
 Ruoying He  
 David Kimmel  
 Gary M. Lackmann  
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 David A. McConnell  
 Nicholas Meskhidze  
 Helena Mitasova  
 Lewis Andrew Owen  
 Matthew David Parker  
 John Peters  
 Markus Dirk Jan Petters  
 Zhen Qu  
 Walter A. Robinson  
 William J. Showers  
 Lian Xie

Sandra E. Yuter	Sethu Raman
Anantha Aiyyer	Allen J. Riordan
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