## Climate Change & Society (MR)

### Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEA 517</td>
<td>Fundamentals of Climate Change Science</td>
<td></td>
<td>Required Courses</td>
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<tr>
<td>GIS 510</td>
<td>Fundamentals of Geospatial Information Science and Technology</td>
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<tr>
<td>MEA 518</td>
<td>Adaptation to Climate Change</td>
<td></td>
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<tr>
<td>MEA 519</td>
<td>Barriers to Climate Change Literacy</td>
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<tr>
<td>COM 579</td>
<td>Climate Change Communication</td>
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<tr>
<td>PHI 816</td>
<td>Introduction to Research Ethics</td>
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<tr>
<td>MEA 593</td>
<td>Special Topics in Atmospheric Science (Applied Climate Experience)</td>
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**Statistics Requirement**  
3  
Select one of the following:  
- ST 511 Statistical Methods For Researchers I  
- MEA 593 Special Topics in Atmospheric Science (Quantitative Analysis of Climate Change Science)

**Environmental Requirement**  
3  
Select one of the following:  
- PA 550 Environmental Policy  
- EA 505 Environmental Assessment Law & Policy  
- PS 536 Global Environmental Law and Policy

**Elective Courses**  
6  
Select six credit hours of the following:  
- AEC 519 Freshwater Ecology  
- BAE 528 Biomass to Renewable Energy Processes  
- BAE 572 Irrigation and Drainage  
- BAE 576 Watershed Monitoring and Assessment  
- CE 578 Energy and Climate  
- COM 525 Group/Team Communication  
- COM 538 Risk Communication  
- COM 546 Nonprofit Marketing and Public Relations  
- COM 562 Communication and Social Change  
- CRD 703 Communication Networks  
- EA 501 Environmental Stressors  
- EA 502 Environmental Risk Assessment  
- EA 503 Environmental Exposure Assessment  
- EA 504 Environmental Monitoring and Analysis  
- EA 505 Environmental Assessment Law & Policy  
- ENG 508 Usability Studies for Technical Communication  
- FOR 531 Wildland Fire Science  
- FOR 575 Advanced Terrestrial Ecosystem Ecology  
- FW 730 Ethics in Fisheries and Wildlife Sciences  
- GIS 512 Introduction to Environmental Remote Sensing  
- GIS 515 Cartographic Design  
- GIS 520 Spatial Problem Solving  
- GIS 609 Geospatial Forum
<table>
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<tbody>
<tr>
<td>MEA 540</td>
<td>Principles of Physical Oceanography</td>
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<tr>
<td>MEA 549</td>
<td>Principles of Biological Oceanography</td>
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<tr>
<td>NR 520</td>
<td>Watershed and Wetlands Hydrology</td>
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<tr>
<td>NR 571</td>
<td>Current Issues in Natural Resource Policy</td>
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<tr>
<td>PA 513</td>
<td>Public Organization Behavior</td>
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<tr>
<td>PA 550</td>
<td>Environmental Policy</td>
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<tr>
<td>PS 536</td>
<td>Global Environmental Law and Policy</td>
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</tbody>
</table>

**Total Hours 31**

**Full Professors**

Jay Levine

Walter Robinson

**Practice/Research/Teaching Professors**

Roberto Javier Mera

**Emeritus Faculty**

Fredrick Semazzi