Integrated Analytic Methods and Skills Requirement Course List

Students are required, at some point during their time enrolled in the program, to take 2 courses composing at least 3 credits from a faculty-approved list of courses that focus on integrative analytic methods and skills. The faculty-approved existing courses that satisfy this requirement are listed below:

**Fall**

501 – Social Vulnerability & Adaptation to Environ Change  
578 – Urban Stormwater  
552 – Ecosystem Services  
572 – Environmental Impact Assessment  
530 - Decision-Making for Sustainability  
533 – Negotiation Skills  
547 – Forest Ecology  
536 – Mediation Skills  
553 – Diverse Farming Systems  
570 – Environmental Economics  
597 – Environmental Systems Analysis  
564 – Localization Seminar  
677 – Climate Adaptation Seminar  
687 – Landscape Planning

**Winter**

501 – Stakeholder Network Analysis  
501 – Science and Management of the Great Lakes  
545 - Applied Ecosystem Modeling  
549 – Analysis and Modeling of Ecological Data  
550 – Systems Thinking for Sustainable Development  
557 – Industrial Ecology  
581 – Advanced Education for Environment and Sustainability  
589 – Ecological Restoration  
610 – Advanced LCA Methods and Software Tools  
641 – Interdisciplinary Research Methods  
787 – Metro Studio (MLA only)