**Curriculum Mapping Worksheet**

***Program/Department: Environmental Management (MSEM)***

**Key** I = Introduced with minimal coverage
M = Moderate Coverage
C = Comprehensive Coverage

| Goals/Outcomes | Ethics 605 | Economics 610, 614, 661 | Law, Policy & Planning 608, 613, 624, 634, 635, 641 | Energy & Climate 651,671 | Environmental Health 644, 645 | Sustainability 636, 646, 650 | Physical Sciences 601, 630, 631, 633, 654, 655, 656 | Ecology 611, 620, 621, 622, 626, 627, 628 | Skills 637, 647, 648 | Masters Project 698 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1. understand the interdisciplinary approach to the study of the relationships and interactions of human beings with the natural world | | | | | | | | | | |
| a. Evaluate human impacts on the environment, using principles and processes of the natural sciences, social sciences and the humanities | I | | I | M | I | M | M | M | M | C |
| b. Identify and use appropriate tools, techniques, and technologies for the protection and management of the environment | | I | M | I | | I | M | | M | C |

| Goals/Outcomes | Ethics 605 | Economics 610, 614, 661 | Law, Policy & Planning 608, 613, 624, 634, 635, 641 | Energy & Climate 651,671 | Environmental Health 644, 645 | Sustainability 636, 646, 650 | Physical Sciences 601, 630, 631, 633, 654, 655, 656 | Ecology 611, 620, 621, 622, 626, 627, 628 | Skills 637, 647, 648 | Masters Project 698 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2. understand the prevention and mitigation of environmental problems, from both a theoretical and applied perspective | | | | | | | | | | |
| a. Describe and critique regulatory, policy, and planning issues for the protection and management of the environment | | M | C | M | I | M | | I | | C |
| b. Determine technical and policy opportunities for offsetting and reducing environmental impacts | | M | M | C | M | M | M | M | M | C |

| Goals/Outcomes | Ethics 605 | Economics 610, 614, 661 | Law, Policy & Planning 608, 613, 624, 634, 635, 641 | Energy & Climate 651,671 | Environmental Health 644, 645 | Sustainability 636, 646, 650 | Physical Sciences 601, 630, 631, 633, 654, 655, 656 | Ecology 611, 620, 621, 622, 626, 627, 628 | Skills 637, 647, 648 | Masters Project 698 |
|---|---|---|---|---|---|---|---|---|---|---|
| 3. understand how to effectively communicate environmental management issues in both written and oral formats | | | | | | | | | | |
| a. Develop a written synthesis of environmental problems and potential management approaches to these problems | | | I | I | | I | M | I | M | C |
| b. Present an in-depth analysis of environmental problems and potential management approaches to an audience of peers | | | I | I | | I | | I | M | C |