**Environmental Science and Policy**

**Environmental Science Communication Concentration (ESCM)**

**Master of Science**

**Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ G# \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor \_\_\_\_\_\_\_\_\_\_ Admitted \_\_\_\_\_\_\_**

A key to environmental action and behavior change is an ability to communicate environmental science and policy. This concentration is for students desiring an MS degree with an interdisciplinary approach to communicating environmental issues and solutions.

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| **Environmental Science (6 credits)** | | | | |
| **Semester** | | **Course #** | **Course Name** | **Credits** |
|  | |  |  | 3 |
|  | |  |  | 3 |
| Choose from EVPP graduate courses, suggestions include: [EVPP 521 - Marine Conservation](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [EVPP 543 - Tropical Ecosystems](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 4; [EVPP 607 - Fundamentals of Ecology](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3 (required for those without previous coursework in ecology. Can be included within the 6 credits.); [EVPP 621 - Overview of Biodiversity Conservation](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [EVPP 641 - Environmental Science and Public Policy](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [EVPP 677 - Applied Ecology and Ecosystem Management](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3 | | | | |
| **Science Communication (12 credits)** | | | | |
|  | | EVPP 529 | Environmental & Conservation Communication Techniques | 3 |
|  | | COMM 639 | Science Communication | 3 |
|  | |  |  | 3 |
|  | |  |  | 3 |
| Choose 6 credits of science communication courses; suggestions include, but are not limited to: [COMM 637 - Risk Communication](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [COMM 640 - Controversies in Science Communication](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [COMM 641 - Advanced Communication Skills for STEM](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [COMM 642 - Science and the Public](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [COMM 644 - Analysis and Criticism of Science Journalism](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [COMM 660 - Climate Change and Sustainability Communication Campaigns](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [COMM 735 - Crisis Communication](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3 | | | | |
| **Research Methods (6 credit hours)** | | | | |
|  |  | |  | 3 |
|  |  | |  | 3 |
| Choose courses in relevant experimental methods, statistics, or communication techniques. Suggested courses include, but are not limited to: [EVPP 631 - Spatial Agent-based Models of Human-Environment Interactions](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [EVPP 683 - Environmental Conflict Resolution and Collaboration: Situation Assessment, Process Design & Best Practices](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [COMM 725 - Qualitative Methods](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [COMM 775 - Media Content Analysis](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [PUAD 511 - Problem Solving and Data Analysis I](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [PUAD 613 - Economic Analysis in Public Administration](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [SOCI 620 - Methods and Logic of Social Inquiry](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [SOCI 631 - Survey Research](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [SOCI 634 - Qualitative Research Methods](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3; [SOCI 636 - Statistical Reasoning](http://catalog.gmu.edu/preview_program.php?catoid=29&poid=28331&returnto=6270) Credits: 3 | | | | |
| **Seminar (1 credit hour)** | | | | |
|  | [EVPP 692 - Master's Seminar in Environmental Science and Public Policy](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) | | | 1 |
| Title: | | | | |
| **Research** | | | | |
| Option 1  or  Option 2 | EVPP 799  EVPP 798 | | Thesis *(continuous registration)* *(minimum of 3 credits)*  Individual Project\* *(1-3 credits)*  Comprehensive Exam Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| **6. Electives** *(if necessary to bring the total to 33 credits)* | | | | |
|  |  | |  |  |
|  |  | |  |  |
| **TOTAL** | | | | **33** |

**SIGNATURES (required)**

**Student \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Project or Thesis Committee (required)**

**Chair \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Member \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Member \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Graduate Program Director \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***\* A comprehensive exam must be passed for the Individual Project and a defense must be passed for the thesis option. All substitutions must be approved by the Graduate Program Director.***