**Environmental Science and Policy**

**Conservation Science & Policy Concentration (COSP)**

**Master of Science**

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

This concentration is for students desiring an MS degree with an interdisciplinary approach to the conservation of species and habitats. Students may take courses offered by ESP and other departments on the Fairfax campus as well as CONS courses which are offered through the Smithsonian Mason Global Conservation Studies Program. This unique partnership with the Smithsonian Conservation Biology Institute in Front Royal, Virginia offers students hands-on education in cutting-edge conservation science and human dimensions through residential, intensive classes. SCBI is renowned for its conservation research and training of conservation practitioners around the world and instructors for these classes are drawn from SCBI’s conservation scientists and other experts from around the world.

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| **Conservation Sciences (6 credit hours)** |
| **Semester** | **Course #** | **Course Name** | **Credits** |
|  |  |  | 3 |
|  |  |  | 3 |
| At least 6 credits are required from conservation science courses. Suggested courses include: [EVPP 607 - Fundamentals of Ecology](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3) (is required for those students without previous course work in ecology and can be included within the 6 credits.); [CONS 630 - Species Monitoring & Conservation](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3) (variable topics, may be taken more than once if different topic); [EVPP 518 - Conservation Biology](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3); [EVPP 519 - Marine Mammal Biology and Conservation](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3); [EVPP 543 - Tropical Ecosystems](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (4); [EVPP 550 - Waterscape Ecology and Management](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3); [EVPP 621 - Overview of Biodiversity Conservation](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3) |
| **Conservation Policy and Human Dimensions of Conservation (6 credit hours)** |
|  |  |  | 3 |
|  |  |  | 3 |
| At least 6 credits are required in conservation policy or social science courses. Suggested courses include: [CONS 660 - Effective Conservation Leadership](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3); [CONS 665 - Conservation Conflict Resolution](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3); [EVPP 521 - Marine Conservation](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3); [EVPP 622 - Management of Wild Living Resources](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3); [EVPP 642 - Environmental Policy](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3) |
| **Conservation Methods (6 credit hours)** |
|  |  |  | 3 |
|  |  |  | 3 |
| At least 6 credits are required in relevant experimental methods, statistics or conservation techniques courses. Suggested courses include: [CONS 620 - Spatial Ecology, Geospatial Analysis & Remote Sensing for Conservation](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3); [CONS 625 - Statistics for Ecology and Conservation Biology](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (3); [EVPP 555 - Lab in Waterscape Ecology](http://catalog.gmu.edu/preview_program.php?catoid=22&poid=20500) (1) |
| **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 1or 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.***