

Revised Graduate Certificate in Watershed Management (WSMC) Checksheet

The Graduate Certificate in Watershed Management is available to all graduate students in the university. Graduate students can select courses from the list below. Students must satisfy course prerequisites or enroll with instructor's consent. All courses are 3-hour credit unless otherwise noted in the Graduate Catalog. Courses that are also offered at the National Capital Region campus are designated with NCR.

Student Name: _____

| A. Required Core Course: <i>Watershed Management</i> (3 credit hours): | Credit Hours | Check |
|---|---------------------|--------------|
| UAP 5134G Land Use and Environment: Planning and Policy UAP/NR 5414 Natural Resources Planning (NCR) | 3 | _____ |
| B. Additional Courses (8-9 credit hours): | | |
| 1. <i>Watershed Science</i> (choose 1 course, 3 hours): | 3 | _____ |
| BSE 5404 Agricultural Nonpoint Source Pollution | | |
| FOR 5354G Advanced Forest Soils and Hydrology | | |
| LAR 5304G Topics: Advanced Landscape Architecture Technology - Hydrology | | |
| FIW 5534G Advanced Wetland Ecology and Management | | |
| NR 5884 Watershed Science, Education & Leadership (NCR) | | |
| CEE 5324 Advanced Hydrology (NCR) | | |
| CEE 5734 Urban Hydrology and Stormwater Management | | |
| GEOS 5804G Advanced Groundwater Hydrology | | |
| FIW 5814 Stream Habitat Management | | |
| 2. <i>Watershed Analysis</i> (choose 2 courses, 5-6 hours): | 3 | _____ |
| | 2-3 | _____ |
| BIOL 5034 Ecosystem Dynamics | | |
| BSE 5244 GIS in Hydrologic Analysis | | |
| BSE 5354 Nonpoint Source Pollution Modeling | | |
| CEE 5204 GIS Applications in Civil and Environmental Engineering (NCR) | | |
| FOR 5254 Remote Sensing of Natural Resources | | |
| FOR 5264 GIS Applications in Natural Resources Management | | |
| LAR 5044 Land Analysis and Site Planning | | |
| CSES 5854 Advanced Wetland Soils | | |

(updated: 9/27/11)

The above student has successfully completed the program requirements. Date: _____

Signed: _____ (Oversight Committee)