**Master of Science: Environmental Science & Management**

**Program Planning Grid (46-52 Credits) – For Students Starting Fall 2022 and After**

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|  | **Core Courses** | **Area of Concentration** | **Elective & Supporting** | **ESM 507** **Seminar** | **Project Development** | **Thesis** |
| **Credit Hours** | **20** | **12** | **4** | **3** | **1** | **6-12** |
|  Purpose/Objective | Provide exposure across the field of Environmental Science & Management | Develop a depth of knowledge in a selected area of environmental science and management | Develop breadth beyond the focus area | Provide discussion of topical environmental issues | Develop MS thesis project | Research project and thesis on an environmental science question |
| Courses | Physical Systems (4) | Science or Management |  |  | Practicum (1 credit)ESM 509 (Fall Y1) | Thesis (6-12)ESM 503 |
| Ecological Systems (4) | Science or Management |  |  |  |  |
| Environmental Management (4) | Management |  |  |  |  |
|  | Ecological or Physical Systems (4) |  |  |  |  |  |
|  | Advanced Data Analysis Skills (4 credits) |  |  |  |  |  |

All courses must be identified by the student and their advisor.

Please see the Master’s Degree Core Course list for course categories.

Updated September 12, 2022