**Professional Science Master: Environmental Science & Management**

**Program Planning Grid (47 credits) – For Students Starting Fall 2022 and After**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Core Courses** | **Area of Concentration** | **PSM “Plus Courses”** | **ESM 507** **Seminar** | **Project Development** | **Project** |
| **Credit Hours** | **16** | **8** | **10**  | **3** | **5** | **5** |
| 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 | Provide content and develop skills needed in the business/agency workplace | Provide discussion of topical environmental issues | Develop PSM project and project management skills | Application of course content to the solution of an environmental problem |
| Courses | Physical Systems (4 credits) | Science or Management | Communications (2-4 credits) |  | Practicum ESM 509 (1 credit)(Fall Y1) | Project (5 credits)ESM 506 |
| Ecological Systems (4 credits) | Science or Management | Policy, Laws and Regulations (2-3 credits) |  | Project Management ESM 551 (4 credits)(Winter Y1) |  |
| Environmental Management (4 credits) |  | Project Management (2-3 credits) |  |  |  |
|  | Advanced Data Analysis Skills (4 credits) |  | Professional Ethics (2-3 credits) |  |  |  |

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

Please see the Master’s Degree Core and Plus Course lists for course categories.

Updated September 12, 2022