

Professional Science Master: Environmental Science & Management

Program Planning Grid (48-54 credits) – For Students Starting Fall 2023 and After

	Complete 2 Graduate Certificates →	Professional Development →	Project or Internship
Credit Hours	32-46 credits	4-12 credits	4-8 credits
	Select at least one graduate certificate from numbers 1-5, and no more than one graduate certificate from numbers 6-10.	Develop project management and other skills	Application of course content to a professional project or internship
	<ol style="list-style-type: none"> 1. Hydrology (24cr./Environmental Science & Management) 2. GIS (20cr./Geog) 3. Hydrogeology (16cr./Geol) 4. Engineering Geology (16cr./Geol) 5. Environmental Geology (16cr./Geol) 	PSM students must complete a minimum of 4 credits in Project Management (ESM 551 ; winter quarter), and may complete up to 8 additional credits of professional development courses in student's choice of seminar, science communication, data analysis, technical writing, scientific methods, or policy. For a list of potential professional development courses see the ESM masters course list.	Internship (4-8 credits) ESM 504, GEOL 504, GEOG 504, ECON 504, CR 504, PA 504 Or Project (4-8 credits) ESM 506, GEOL 506, GEOG 506, ECON 506, CR 506, PA 506
	<ol style="list-style-type: none"> 6. Sustainability (22cr./Economics) 7. Conflict Resolution (22cr./Conflict Resolution) 8. Sustainable Food Systems (18cr./College of Education) 9. Environmental and Resource Economics (16cr./Economics) 10. Emergency Management and Community Resilience (18-19cr./Public Administration) 		

Updated September 1, 2023