

Accelerated MS in Sustainable Communities Dr. Chelsea Schelly, Advisor | cschelly@mtu.edu Audit Worksheet

Course	Course Title	Credits
Social Science Foundations		
Required Course:		
SS 5313	Sustainability Science^	3
Choose 2:		
SS 4120	Sustainable Development & Communities^	3
SS 4700	Communities & Research^	3
SS 5420	Memory & Heritage	3
SS 5530	Deindustrialization & the Urban Environment	3
SS 5720	Social Thought, Contemporary Issues	3
SS 5900	Heritage Management	3

Socio-Ecological and Socio-Technological Systems			
Earned th	rough either Certificate or Coursework		
Certificate	Option:		
Natural Ha	zards & Disaster Risk Reduction*		
Natural Re	source & Environmental Economics		
Resilient W	/ater Infrastructure*		
Water, San	itation, & Hygiene Engineering (WASH)*		
OR Courses	work Option: Choose 3		
SS 4200	Environmental Anthropology^	3	
SS 5400	Sociology of the Environment	3	
SS 4540/	Global Environmental History^	3	
5550			
SS 5325	Water Policy, History, & Governance	3	
SS 5551	Global Industrial History	3	
SS 5500	History of Technology	3	
BL 4120	Environmental Remediation^*	3	
GE 4220	Mining Systems & the Environment^*	3	
FW 5421	Climate Change & Management in Great Lakes Forested Systems		
FW 5371	Snow Hydrology	3	
FW 5369	Hydrology & Watershed Management		
BL 5421	Lake Superior Exploration	3	
BL 5447	Stream Ecology	3	
BL 5451	Advanced Ecology	3	
GE 5150	Advanced Natural Hazards	3	
CEE 4410	Transportation Planning^	3	
CEE 5666	Water Resources Planning & Management*	3	
FW 4400	Urban Forestry^	3	
FW 5115	Restoration Ecology	3	
EC 5650	Market Failure & Environment*		
GE 5660	Social Dimensions of Natural Hazards	3	
UN 5400	Climate Science & Policy	3	

^Indicates suggested Double-Count course (limit 6 credits)

Course	Course Title				
• •	Applied Research & Inquiry Skills				
Earned through either Certificate or Coursework					
Certificate	Option:				
Public Polic	<u>cy</u>				
Data Scien	ce Foundations				
Geoinform	atics*				
Geospatial	Geospatial Data Science & Technology				
Engineerin	g Sustainability & Resilience				
OR Coursev	vork Option: Choose 3				
SS 4211	Ethnographic Methods^	3			
SS 5001	Advanced Social Science Methods	3			
SS 5003	Survey Methods	3			
SS 5004	Social Statistics	3			
SS 5005	Introduction to Agent Based Modeling	3			
SS 5049	GIS for Graduate Researchers	3			
SS 4050/ 5050	Advanced GIS Methods & Projects^*	3			
SS 5501	Industrial Communities	3			
SS 5700	Archaeological Field Methods	3			
SS 5800	Documentation of Historic Structures	3			
SS 6002	Research Design	3			

Professional Development Capstone		
Choose 1		
SS 4000	Independent Study	3
SS 4101 / 5101	Energy and Climate Policy	3
SS 5015	Cultural/Environmental Office of Surface Mining VISTA Field Service Internship	3
SS 5990	Graduate Research	3
SS 5010	Directed Study	3
SS 4920 / 5920	Internship Experience	3
SS 4921	Washington Internship-Professional Practicum	3

^{*}Check pre-requisites / permissions