

LAND USE PROGRAM - *Environment and Resources*

The four concentration areas have a common 15-16 hour required core:

CORE COURSES.....			SEMESTER HOUR
GEG	1220	Map Use	2
GEG	1610	Introduction to Planning	1
GEL	1010	General Geology	4
-or-			
GEG	1100	Introduction to Physical Geography.....	3
GEG	4950	Internship in Land Use	
-or-			
GEL	4950	Internship in Geology	
-or-			
ENV	4950	Internship in Environmental Science.....	2
GIS	2250	Introduction to Geographic Information Systems*	3
MTH	1210	Introduction to Statistics	4
<i>Required Core Total.....</i>			<i>15-16</i>
<i>*Course has prerequisites of CIS 1010 or CSS 1010 or permission of instructor</i>			

Environment and Resources Concentration

Students are required to select courses in Environmental Science, Geology, Civil Engineering Technology, Meteorology, Geography, Geographic Information Systems, Mathematics, and elective courses in consultation with an environmental science advisor.

Additional Environment and Resources Requirements

REQUIRED COURSES.....			SEMESTER HOURS
ENV	1200	Introduction to Environmental Science	3
ENV	3400	Water Resources	3
ENV	4010	Environmental Hazards and GIS	3
ENV	4000	Environmental Geology	3
ENV	4200	Environmental Policy and Planning	3
GEL	3050	Mineralogy and Petrology.....	3
GEL	3060	Stratigraphy and Structure.....	3
GEL	3440	Energy and Mineral Resources	4
CET	3320	Environmental Impact Statements	3
<i>Subtotal</i>			<i>28</i>

Electives – Select at least 21 hours

COURSES.....			SEMESTER HOURS
ENV	3700	Mountain Environments.....	3
ENV	3710	Environmental Remediation*	3
ENV	3720	Waste Management*	3
ENV	3730	Environmental Risk Assessment	3
ENV	3740	Environmental Health*.....	3
ENV	4410	Water Law	3
ENV	4420	Wetlands	3
ENV	4980	Global Environmental Field Problems: Variable Topics	3
ENV	4990	Topics in Environmental Science: Variable Topics	3
GEL	3120	Advanced Geomorphology.....	3
GEL	3150	Hydrogeology.....	3
GEL	3420	Soil Resources	4
GEL	3450	Advanced Geologic and Environmental Hazards – Denver and Vicinity	2
GEL	4150	Hydrology*	3
GEG	3610	Principles of Land Use Planning*	3
GIS	4840	Remote Sensing.....	3
GIS	4850	Spatial Modeling in Raster	4
GIS	4860	GIS Applications.....	4
GIS	4880	Current Topics in GIS: Variable Topics.....	1–3
MTR	2400	Introduction to Atmospheric Science	4
MTR	3100	Air Pollution.....	3
COM	3670	Writing for the Environmental Industry*.....	3

**Course has additional prerequisites; check current MSCD College Catalog for requirements.*

Senior Experience Graduation Requirement

ENV	4960	Global Environmental Challenges.....	3
		-or-	
ENV	4970	Environmental Field Studies.....	3

<i>Total General Studies Course Requirements*</i>	33
<i>Land Use Required Core Courses</i>	15-16
<i>Environment and Resources Concentration Courses Total</i>	52
<i>Unrestricted Electives*</i>	19-20
<i>Total for Land Use: Environment and Resources Degree</i>	120

**The multicultural requirement of 3 hours must also be satisfied.*