

Concentration in Climate Change and Green Infrastructure (CCGI)

- **Description:** Focuses on the ways that cities and buildings can reduce greenhouse gasses, improve livability and resilience, and enhance ecology through design and planning interventions.
- **Career path:** Students can go to work in sustainability related professions, urban planning and design or go to graduate school in a wide variety of climate or infrastructure related fields. This concentration is a good fit for the accelerated Masters in Regional Planning 4+1 program.
- **Format:** Choose four (4) of the concentration required courses and two (2) from the approved courses list. The availability of approved courses vary from semester to semester; additional classes may be used with prior approval of the Program Director. MRP core classes can count toward this concentration.

CCGI Concentration Required Courses

COURSE NO	NAME	CREDITS	TERM	TYPICAL TIME
SustComm 297G	Climate Change and Resilient Cities	4	Spring	TuTh 11:30am-12:45pm
SustComm 397P	Planning Tools and Techniques	3	Fall	MoWe 5:30-8:15pm
SustComm 591G	Urban Greening Theory & Practice	3	Fall	Tu 5:30-8:15pm
LandArch 582	Landscape and Green Urbanism	3	Spring	Th 8:30-11:15am
RegionPI 585	Planning for Climate Change	3	Spring	TuTh 10:00-11:15am
RegionPI 591I	Sustaining Green Infrastructure Planning and Design	3	Spring	TuTh 2:30-3:45pm

Sample CCGI Concentration Approved Courses

Classes offered change from year to year; check SPIRE for updates.

COURSE	TYPICAL TERM	TYPICAL TIME
BCT 150 The Built Environment	Fall	TuTh 11:30-12:45
BIOLOGY 287 Intro Ecology ^{PR}	Spring	MWF 10:10 – 11:00
BIOLOGY 421 Plant Ecology	Fall	Multiple Sections - Check SPIRE
ECO 605 Urban Forests: Structure, Functions, and Value	Spring	Tu 2:30-5:30
ECO 622 Conservation Biology	Spring	TuTh 11:30 – 12:45
ENVIRSCI 214 Ecosystems, Biodiversity + Global Change ^{PR}	Spring	MWF 9:05-9:55
GEOGRAPH 110 Global Environmental Change	Fall	TuTh 4:00 – 5:15
GEOGRAPH 352 Computer Mapping	Spring	TuTh 1:00-2:15
GEOGRAPH 354 Climatology	Fall	MoWeFr 9:05-9:55
GEOGRAPH 370 Urban Geography	Fall	MoWeFr 10:10 11:00
GEOGRAPH 397G Introduction to GIS	Spring	Th 11:30-12:45
GEOGRAPH 468 GIS and Spatial Analysis	Spring	TuTh 10:00-11:15
GEOGRAPH 492 NP National Parks and Protected Areas	Spring	TuTh 10:00-11:15
GEOGRAPH 497R Rethinking US Land & Water Policy	Spring	TuTh 11:30-12:45
GEOLOGY 231 Geological Field Methods ^{PR}	Spring	Tu 1:00-1:50 and Th 1:00-5:00
HISTORY 397GEH Global Environmental History ^{PR}	Spring	TuTh 2:30-3:45
LANDARCH 494LI Landscape Planning & The Cultural Landscape	Spring	MWF 1:25-5:15
LANDARCH 663 Cultural Landscapes: Document., Values & Policy	Spring	W 10:00-12:00

NRC 100 Environment and Society	Fall	MoWe 4:00 – 5:15
NRC 185 Sustainable Living: Solutions for 21st Century	Spring	TuTh 4:00-5:15
NRC 225 Forests and People	Spring	MWF 12:20-1:10
NRC 261 Wildlife Conservation	Spring	TuTh 2:30-3:45
NRC 270 Forest Ecology & Conservation	Fall	TuTh 11:30 – 12:45
NRC 290C Trees and Sustainability ^{PR}	Fall	TuTh 1:00-2:15
NRC 390E Evolution and Conservation	Spring	TuTh 11:30-12:45
NRC 409 Natural Resource Policy & Admin	Spring	TuTh 10:00-11:15
NRC 494EI Environmental Decision Making ^{PR}	Spring	MW 11:15AM-1:10
NRC 564 Wildlife Habitat Management	Fall	Various sections - Check SPIRE
NRC 577 Ecosystem Modeling & Simulation	Fall	TuTh 1:00-2:15
NRC 578 Watershed Science and Management	Spring	TuTh 10:00-11:15
NRC 585 Intro to GIS	Spring	Th 11:30-12:45 + lab Fr 10:10-1:10
NRC 590RE Restoration Ecology	Spring	TuTh 10:00-11:15
REGIONPL/LANDARCH 582 Landscape and Green Urbanism	Spring	Th 8:30-11:15
RES-ECON 102 Intro Resource Econ	Spring	TuTh 1:00 - 2:15
STOCKSCH 120 Organic Farming and Gardening	Fall	TuTh 11:30-12:45 + lab
SUSTCOMM 125 Global Cities and Global Issues	Spring	TuTh 2:30-3:45
SUSTCOMM 597A Digital Tech for Design Representation	Spring	TuTh 1:00-2:15

^{PR} Prerequisites or restrictions apply. Check SPIRE.

Note:

- 500-level classes and above (graduate-level) may be restricted to Juniors and Seniors. Check with instructor.
- Only two 100-level courses can count toward concentration requirements.
- All classes must be completed with a grade of C- or better.