

# Concentration in Built Environment (BE)

- **Description:** Bridges building technology, architecture and landscape, and provides technical language skills for understanding environmental design and planning at the building scale, bridging building technology, architecture and landscape.
- **Career path:** Students can go on to a wide range of design and technology positions or graduate studies in Architecture or related fields. This concentration works well for students interested in the accelerated 2-year Master of Landscape Architecture, with the addition of 500-level LandArch studios in the senior year.
- **Format:** Choose four (4) 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. Approved BCT and architecture classes can count toward this concentration.

## BE Concentration Required Courses

COURSE NO	NAME	CREDITS	TERM	TYPICAL TIME
SustComm 197D	Introduction to Environmental Design	3	Spring	MoWe 9:05-11:00am
SustComm 205 <sup>GE (I, U)</sup>	Dynamics of Human Habitation	4	Spring	TuTh 11:30am-12:45pm
SustComm 297L	Visual Communication: Design Principles and Digital Skills	3	Fall	TuTh 10:00-11:15am
SustComm 597A	Digital Tech for Design Representation	3	Spring	TuTh 1:00-2:15am
LandArch 587	People and the Environment	3	Fall	TuTh 11:30am-12:45pm
LandArch 592M	Material Experiments	3	Spring	TuTh 10:00-11:15am

<sup>GE</sup> General Education Class Designation

## Sample BE Concentration Approved Courses

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

COURSE	TYPICAL TERM	TYPICAL TIME
ARCH 211 The City	Spring	MWF 9:05-9:55
ARCH 597GS Great Spaces	Spring	MW 9:05-10:20
ARCH 597K Design for Climate Change	Spring	MoWe 5:15-6:45
ARCH Design Studios (Permission of instructor required)	Spring + Fall	Various - Check SPIRE
ART 104 Basic Studio/Drawing	Spring + Fall	Various - Check SPIRE
ART-HIST 307 Romanesque & Gothic Art	Spring	TuTh 10:00-11:15
ART-HIST 324 Modern Art, 1880-present	Fall	TuTh 11:30-12:45
ART-HIST 342 19th C. Arch: Reform, History, Technology	Fall	MoWe 4:00-5:15
ART-HIST 343 Twentieth Century Architecture <sup>PR</sup>	Spring	MW 4:00-5:15
BCT 204 Construction Materials & Methods (sec 2 only)	Spring	TuTh 2:30-3:45
BCT 313 Light-Frame Structure Technology	Fall	MoWe 9:05-11:00
BCT 525 Solar Energy System and Building Design	Fall	TuTh 2:30-3:45
BCT 530 Mechanics of Building Materials for Construction <sup>PR</sup>	Spring	TuTh 1:00 - 2:15
BCT 550 Construction Project Management <sup>PR</sup>	Spring	MW 2:30-3:45
BCT 597D Sustainable Building & LEED Certification <sup>PR</sup>	Spring	M 5:30-7:00
BCT 597R Clean Energy Corps <sup>PR</sup>	Spring	W 1:25-5:15
CE 310 Transportation <sup>PR</sup>	Fall	TuTh 8:30-9:45
GEOGRAPH 102 Div, Glob, Sust: Intro to Human Geography	Fall	MoWeFr 11:15-12:05 & Mo 12:20-1:10

GEOGRAPH 370 Urban Geography	Fall	MoWeFr 10:10-11:00
LANDARCH 294A Construction Materials	Spring	TuTh 2:30 - 3:25
LANDARCH 297A + 297B Studio 1 + Studio 2	Fall	MoWeFr 1:25-5:15
LANDARCH 297M Business Concepts of Landscape Contracting	Spring	TuTh 1:00-2:15
LANDARCH 582 Landscape and Green Urbanism	Spring	Th 8:30-11:15
LANDARCH 592M Material Experiments in LandArch <sup>PR</sup>	Spring	TuTh 10:00-11:15
MATH 127 Calculus - Life + Social Sciences II <sup>PR</sup>	Fall + Spring + Online	Multiple sections - check SPIRE
MATH 128 Calculus - Life + Social Sciences II <sup>PR</sup>	Fall + Spring	Multiple sections - check SPIRE
MATH 132 Calculus II	Fall + Spring + Online	Multiple sections - check SPIRE
NRC 185 Sust. Living: Solutions for the 21st Century	Fall	TuTh 4:00-5:15
PHYSICS 100 Conceptual Physics	Spring	MW 4:00-5:15
PSYCH 360 Social Psychology <sup>PR</sup>	Spring	TuTh 1:00-2:15
REGIONPL577 Urban Policies	Fall	TuTh 10:00 - 11:15
REGIONPL591I Sustaining Green Infrastructure Planning & Design	Spring	TuTh 2:30-3:45 PM
RES-ECON 262 Environmental Econ	Spring	TuTh 2:30 - 3:45
SOCIOL 360 Urban Sociology <sup>PR</sup>	Spring	TuTh 10:00-11:15
SUSTCOMM 397P Planning Tools and Techniques	Fall	MoWe 5:30-8:15
SUSTCOMM 591G Urban Greening Theory and Practice	Fall	Tu 5:30-8:15

<sup>PR</sup> 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.