

**PLANNING,  
DESIGN AND  
CONSTRUCTION**      **PDC**

**School of Planning, Design  
and Construction  
College of Agriculture and  
Natural Resources**

**120 Planning and Design Digital Graphics**  
Spring. 2(1-2) R: Open to undergraduate students in the School of Planning, Design and Construction.

Planning and design graphic software applications.

**460 Green Roofs and Walls**  
Fall. 2(2-0) Interdepartmental with Fisheries and Wildlife and Geography and Horticulture. Administered by Horticulture. P: HRT 203 or FW 101 or GEO 206 or PDC 120 or EGR 100 R: Open to juniors or seniors or graduate students.

Green roof and wall design and installation practices including plant species and substrates. Environmental impact, ecosystem services, integration with other environmental practices. Influence of economics, public policy, and industry organizations on the implementation of green roofs on a wide scale. Multidisciplinary nature of planning and implementation of successful green roof and wall projects.

**491 Special Topics**  
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. RB: Completion of Tier I Writing requirement R: Open to undergraduate students or graduate students in the School of Planning, Design and Construction. Approval of school.

Selected topics that integrate content across construction management, interior design, landscape architecture and urban and regional planning.

**493 Internship in Planning, Design and Construction**  
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to juniors or seniors in the School of Planning, Design and Construction. Approval of school; application required.

Supervised professional experience in agencies or businesses related to the student's major field of study.

**901 Integrated Approach to Sustainable Planning, Design and Construction**  
Fall, Spring. 3(3-0) RB: A degree recommended in Construction Management, Architecture, Urban Planning, Interior Design or related field. R: Open to graduate students in the School of Planning, Design and Construction.

Integrated approach to planning, design, and construction for development of sustainable built environment.

**990 Special Problems in Planning, Design, and Construction**  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in the School of Planning, Design, and Construction. Approval of department.

Individual study in construction management and related Built Environment areas.

**991 Advanced Topics in Planning, Design, and Construction**  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open only to graduate students in the School of Planning, Design, and Construction. Approval of department.

Advanced topics in construction management and related Built Environment areas.

**992 Advanced Research Methods in Planning, Design and Construction**  
Fall, Spring. 3(3-0)

Current areas and topics of research in planning, design, and construction. Analysis of existing research, and development of preliminary proposal.

**999 Doctoral Dissertation Research**  
Fall, Spring, Summer of even years. 1 to 24 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open to doctoral students in the School of Planning, Design and Construction.

Doctoral dissertation research.