

**PLANNING,
DESIGN AND
CONSTRUCTION PDC**

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

100 Introduction to the Built Environment
Fall, Spring. 1(2-0)

Overview of the fields of construction management, interior design, landscape architecture and urban and regional planning. Offered first ten weeks of semester.

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.

403 Introduction to Domicology: Sustainable Built Environment
Spring. 3(3-0) P: Completion of Tier I Writing Requirement R: Open to juniors or seniors or graduate students.

The lifecycle of structures. Causes and impacts of structural abandonment, and sustainable tools, policies, and practices to address it

420 Advanced Digital Graphic Communications
Spring, Summer. 3(3-0) P: PDC 120 or approval of school R: Open to juniors or seniors or graduate students.

Advanced skills for digital graphic communications. Digital rendering using advanced graphic software programs.

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 in Planning, Design and Construction
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

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.

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.