

PLANNING AND URBAN DESIGN (PLAN)

Courses

PLAN 2004 (3) History and Theory of Sustainable Planning and Urban Design

Surveys the key urban theories that shape sustainable planning and design. Covers the evolution of city form, policy approaches, and the history of planning approaches in the US.

Requisites: Restricted to Program in Environmental Design (ARPLU) students and Environmental Planning Minor students only.

Recommended: Corequisite PLAN 2100.

PLAN 2100 (6) Studio 1: Foundations of Sustainable Planning and Urban Design

Expands on introductory planning and urban design concepts and methods to address social and ecological challenges in communities. Explores skills including spatial analysis, basic community engagement techniques and policy alternatives. The resultant project addresses challenges at the intersection between social and environmental systems.

Requisites: Requires prerequisite course of ENVD 1040 (minimum grade C-). Restricted to Program in Environmental Design (ARPLU) students with 40+ credits.

Recommended: Corequisite PLAN 2004.

PLAN 3005 (3) Process and Practice

Introduces the regulatory and legal structures surrounding sustainable planning, design, and development. Covers issues of environmental policy, property rights, zoning, and building codes and laws. Includes work on professional development in the field of planning and design.

Requisites: Restricted to Program in Environmental Design (ARPLU) students.

PLAN 3100 (6) Studio 2: Intermediate Sustainable Planning and Urban Design

Uses intermediate-level planning concepts and practices to create solutions to specific challenges in a collaborative process. Through a sequence of design investigations students explore issues such as equity, housing, transportation, community engagement and land use.

Repeatable: Repeatable for up to 12.00 total credit hours.

Requisites: Requires prerequisite course of PLAN 2100 (minimum grade C-). Restricted to Program in Environmental Design (ARPLU) students.

PLAN 3102 (3) Strategies and Techniques for Sustainable Planning and Urban Design

Explores analytical strategies and techniques in applied research and professional skills needed in sustainable planning and design. Includes quantitative and qualitative methods used by planners and designers to make informed decisions.

Requisites: Restricted to Program in Environmental Design (ARPLU) students.

PLAN 4100 (6) Capstone in Planning and Urban Design

Applies advanced concepts in comprehensive planning, plan-making, and plan implementation for communities. The project engages communities to solve complex problems in social and ecological systems using qualitative and quantitative skills.

Requisites: Requires prerequisite course of PLAN 3100 (minimum grade C-). Restricted to Program in Environmental Design (ARPLU) students and minor students.

PLAN 4101 (3) Sustainable Futures Planning

Surveys innovative ways that planners and designers are addressing the great social and ecological challenges of the present and future. Includes issues such as population growth and climate change.

Requisites: Restricted to Program in Environmental Design (ARPLU) undergraduate students only.