

# ARCHITECTURE (ARCH)

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**ARCH 5358 Product Design****3 Semester Credit Hours (2 Lecture Hours, 4 Lab Hours)**

This course provides a focus on market research, innovative thinking, concept development, and presentation skills for student product ideas. The deliverables include a high-quality product, a video to explain the concept, and construction drawings showing assembly.

**Prerequisite:** ARCH 3357.

**ARCH 5361 Project Management I****3 Semester Credit Hours (3 Lecture Hours)**

Introduction to the management of architectural projects, emphasizing organizational strategies, contract administration, and coordination with consultants.

**ARCH 5362 Project Management II****3 Semester Credit Hours (3 Lecture Hours)**

A continuation of the study of the management of architectural projects, emphasizing advanced business and construction administration principles.

**Prerequisite:** ARCH 5361.

**ARCH 5380 Design Programming****3 Semester Credit Hours (3 Lecture Hours)**

The course emphasizes understanding user needs, site conditions, functional requirements, and environmental context as critical inputs in the early phases of the architectural design process. Students will learn to gather, analyze, and synthesize information to create comprehensive design briefs that guide thoughtful, effective architectural solutions.

**ARCH 5390 Architectural Research Methods****3 Semester Credit Hours (3 Lecture Hours)**

This course introduces the role of research in architecture and how hypothesis formulation, data acquisition, verification, and analysis can create research results that influence design outcomes.