

## **Course Description**

### **ARC1302 | Architectural Design 2 | 4.00 credits**

A continuation of ARC 1301, emphasizing the application of ordering concepts, and aspects and determinants of form and space. An individual design process is developed by the student. Pre-/Co-Requisites: ARC1126, 2701; Prerequisite: ARC 1301.

## **Course Competencies**

**Competency 1:** The student will apply ordering concepts, aspects, and determinants of form and space in architectural design, demonstrating proficiency in the synthesis of these elements within design projects by:

1. Employing ordering concepts to create harmonious spatial compositions in architectural design projects
2. Integrating determinants of form and space to enhance the visual and functional aspects of architectural designs to fit the environment
3. Showcasing proficiency in synthesizing form and space elements to achieve innovative and cohesive architectural solutions

**Competency 2:** the student will develop an individual design process that effectively incorporates ordering concepts and aspects of form and space, demonstrating creativity and critical thinking in architectural design by:

1. Evolving an individual design process that seamlessly integrates ordering concepts and form and space aspects, fostering creativity and critical thinking in architectural design
2. Cultivating a process and style that adeptly interweaves ordering concepts and form and space aspects of the surroundings, encouraging ingenuity and analytical reasoning within the realm of architectural design
3. Refining one's individual design process that skillfully merges ordering concepts of architectural design using critical thinking to incorporate aspects of form and space while being creative

**Competency 3:** the student will demonstrate a comprehensive understanding of architectural design, manifesting in the development of unique and innovative design solutions through an individualized design process to incorporate ordering concepts and aspects of form and space by:

1. Exhibiting a comprehensive grasp of architectural design, evident in the generation of distinctive and inventive design solutions through a personalized design process integrating ordering concepts and aspects of form and space
2. Demonstrating a profound understanding of architectural design by producing exceptional and innovative design solutions through a customized design
3. Displaying comprehension of architectural design, reflected in the development of distinctive and inventive design solutions through an individualized design process that incorporates ordering concepts and form and space aspects

## **Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Describe how natural systems function and recognize the impact of humans on the environment