

SUSTAINABLE DESIGN CERTIFICATE OF ACHIEVEMENT

The Sustainable Design Certificate is an innovative program that integrates principles of sustainability with practical design applications, Geographic Information Systems (GIS), and interdisciplinary knowledge from geography and environmental studies. This program is designed for students seeking to make a tangible impact on the built and natural environments through sustainable design practices.

Code	Title	Units
Required Courses:		
ARCH 106	Sustainability in the Built Environment	3
ARCH 112	Design Studio I	4
ARCH 113	Design Studio II	4
GEOG 102	Cultural Geography	3
	or ENVSCI 100 Introduction to Environmental Science	
GEOG 114	Weather and Climate	4
Total Units		18

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

This is a Gainful Employment Program

Program Learning Outcomes

At the completion of this program, students will be able to:

- Apply fundamental principles of sustainability to the design and assessment of buildings, communities, and urban spaces.
- Utilize GIS tools to analyze spatial data and contribute to informed decision-making in sustainable design projects.
- Evaluate the environmental impacts of design and construction materials and propose sustainable alternatives.
- Identify sustainability and design topics, and assess the importance of sustainable practices in various contexts.
- Engage with community stakeholders in the planning and implementation of sustainable design initiatives.