

LEARNING OUTCOMES: ARCHITECTURAL STUDIES, BS

Learning outcomes for the Bachelor of Science Major in Architectural Studies

The Bachelor of Science in Architectural Studies (BSAS) curriculum combines a comprehensive design education with the broad perspective necessary to become active and engaged global citizens. Students learn to address and solve tomorrow's complex problems at the intersection of the social, political, economic and environmental realms. Two- and three-dimensional design form the foundation of the four-year BSAS degree.

Technology, history, and structures courses complete the curriculum, preparing students to enter a two-year NAAB-accredited Master of Architecture degree program, or to pursue a graduate degree or career in an allied discipline.

When students complete the BSAS degree they will be able to:

1. Employ Specialized Knowledge

- Apply design thinking approaches to address environmental and societal challenges.
- Implement design processes—documentation, research, analysis and application—intervening to improve a set of environmental conditions.
- Communicate ideas and concepts through verbal and graphic, physical and digital, means.

2. Put Broad and Integrative Knowledge to Use

- Identify complex problems and approaches to addressing them.
- Understand diverse community dynamics and social relationships.
- Explore the intersections among environmental, social, cultural, political and economic aspects.

3. Exercise Intellectual Skills:

- Evaluate and apply theories of the built environment's impact on human wellbeing.
- Differentiate and assess various means of manufacture and their suitability for use in a number of diverse contexts.
- Acknowledge different theories for analyzing and intervening in urban contexts.
- Evidence proficiency integrating technological systems to improve environmental performance.
- Critically examine humanistic perspectives in architecture, urban and landscape throughout time.

4. Demonstrate Proficiency in Applied and Collaborative Learning:

- Apply skills needed for successful teamwork and consensus decision making.
- Employ leadership skills.
- Recognize the value of multidisciplinary contributions in the realm of environmental design.

5. Illustrate Civic and Global Understanding:

- Demonstrate empathic and ethical decision making.
- Apply sustainable practices across a variety of scales and contexts.
- Cultivate self-learning skills and curiosity to learn and broaden cultural perspectives.
- Utilize contemporary and historical perspectives in design thinking processes.