SUSTAINABILITY AND THE BUILT ENVIRONMENT

The Bachelor of Science in Sustainability and the Built Environment (BSSBE) enables students to explore creative solutions for the planning, design and construction of human structures and settlements.

About this Program

- **College:** Design, Construction and Planning
- **Degree:** Bachelor of Science in Sustainability and the Built Environment
- **Credits for Degree:** 120
- **Specializations:** Interdisciplinary | Geodesign
- **Additional Information**
- **Contact:** Email
- **Related Sustainability and the Built Environment Programs**

To graduate with this major, students must complete all university, college, and major requirements.

The Bachelor of Science in Sustainability and the Built Environment requires students to demonstrate an understanding of the relationship between the goals of sustainability and the activities of the built environment disciplines, including architecture, building construction, historic preservation, interior design, landscape architecture and urban and regional planning.

Before Graduating Students Must

- Complete a capstone or independent research project, present your results to a committee of the program’s faculty and receive acceptable assessment.
- Complete requirements for the baccalaureate degree, as determined by faculty.

Students in the Major Will Learn to

Student Learning Outcomes (SLOs)

**Content**
1. Explain sustainability principles.
2. Integrate knowledge and principles from sustainability-related disciplines.
3. Describe the role of the built environment in sustainability.
4. Combine information from multiple sources to solve problems.

**Critical Thinking**
5. Frame sustainable problems and potential solutions within a global context.
6. Collect and analyze data to solve problems.
7. Produce sustainable solutions for problems of the built environment.
8. Integrate multiple disciplinary, cultural and stakeholder perspectives for sustainable problem solving.

**Communication**
9. Produce an effective oral presentation.
10. Produce effective written communications.
11. Integrate a variety of visual techniques to enhance the communication of ideas and solutions.

12. Solve a built environment sustainability problem in a multidisciplinary team.

**Curriculum Map**

$I$ = Introduced; $R$ = Reinforced; $A$ = Assessed

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$^1$ Student chooses from courses listed in semesters 5-7 of the major’s semester plan.

**Assessment Types**

- Capstone evaluation
- Final project evaluation