COLLEGE OF DESIGN & SOCIAL INQUIRY

Student Learning Outcomes Assessment

Student Learning Outcomes Assessment for Bachelor of Urban Design

Three major components in Academic Learning Compacts (ALCs) are content/ discipline knowledge and skills; communication skills; and critical thinking skills.

Content/ discipline knowledge (declarative knowledge "knowing that" and procedural knowledge "knowing how") , Skills, Behavior and Values

Students will demonstrate *declarative knowledge* (knowing that) of the following core urban design areas:

1. Structure, Function, and Evolutions of urban settlements: Graduates will demonstrate active knowledge of human settlements and their context at various scale including geography, changing forms, and political, economic, and social dimensions as well as an understanding of dynamic of urban finance, infrastructure, land use and social and economic conditions.
2. History and theory of urban design process and practices: Graduates will demonstrate understanding of the history of urbanization and urban design and planning professions as well as urban design theory, process, and practices in both global and local context.
3. Urban design methods, tools and techniques: Graduates will demonstrate understanding of and be able to use urban design methods, tools and techniques for their urban design projects.
4. Urban design Implementation: Graduates will demonstrate understanding of urban design implementation process as well as formulating strategies by utilizing urban design tools and techniques.
5. Collaboration skills: Graduates will demonstrate the ability to collaborate with their peers and work together in productive team relationships in their urban design projects. Collaborative skills require assessment of groups rather than individual students.
6. Diversity and cultural perspectives: Graduates will demonstrate the ability to work with diverse community and examine culturally diverse perspectives in their urban design projects, an awareness of the relationships between human behavior and the physical environment, an awareness of the diversity of needs, values, behavioral norms, and social and spatial patterns that characterize different culture, and the ability to integrate culturally diverse perspectives in their urban design projects.

Students will obtain *procedural knowledge* (knowing how) and develop skills in the following:

1. Research Skills: Graduates will be able to formulate and conceptualize problems in real world situations and conduct primary and secondary data collections (i.e. idea generation, literature review, data collection, reporting) appropriate for the awarding of a baccalaureate degree .
2. Analytical Skills: Graduates will be able to analyze, evaluate, compare/contrast or judge urban design theories, issues, events, or other content at a level appropriate for the awarding of a baccalaureate degree. These skills are usually assessed through examining the quality of argument in

a student essay, oral presentation, or formal report. Graduates will be able to utilize both qualitative and quantitative analytical skills.

3. Urban design skills or Practical Skills: Graduates will be able to create physical plans, programs, and projects, proposed practical solutions based on their understanding of urban design as well as anticipate future changes.

4. Creative skills: Graduates will be able to create urban design products including develop research proposal by synthesizing knowledge from urban design discipline at the level of appropriate for the awarding of a baccalaureate degree.Technical skills and Computer skills: Graduates will demonstrate technical skills as well as the use of current computer technology related to urban design appropriate for the awarding of a baccalaureate degree. These skills are usually accessed through an in-class project (e.g., case study, paper), observation (e.g., juried performance), or portfolio.

Critical thinking skills

Students will demonstrate the ability to describe reasoning that involves addressing clear and precise questions, using abstract ideas to interpret information, using concrete evidence to support their argument and positions, considering diverse points of view, reaching well−reasoned conclusions, and testing them against relevant criteria and standards. They will be able to critically evaluate an urban design work and become informed observers.

Communication skills

Students will develop skills in the following:
1. Written communication
2. Oral communication
3. Graphic and visual communication

Graduates will demonstrate the ability to articulate their urban design concepts, ideas, and principles in a clear, convincing fashion appropriate to the topic, purposes, and targeted audiences. These skills include the abilities to organize the information clearly and coherently through various modes of communication including written, oral, and graphic and visual representations as well as the ability to use a combination of media.