

URBAN PLANNING

Associate in Science Degrees

- Urban Planning - Associate in Science (<https://lbcc-public.courseleaf.com/degrees-certificates/urban-planning/urban-planning-as/>)

ARCHT 32 1.5 units

SketchUp I

18 hours lecture, 36 hours laboratory

Grading: letter grade.

Formerly ARCHT 252. This entry-level SketchUp course is aimed at individuals with a drafting background employed in engineering, and other related fields who wish to upgrade their skills in the area of Computer Aided Modeling (CAM). CAM training will utilize a recent version SketchUp in the Windows environment. The purpose of the class is to prepare students to use SketchUp to model and present architectural ideas in a timely manner, use V-Ray for SketchUp to create renderings with proper lighting and photo realism.

Transferable to CSU Only

GEOG 10 (C-ID GEOG 155) 3 units

Intro to Geographic Information Systems

54 hours lecture

Recommended Preparation: Familiar with Internet or computer literacy.

Grading: letter grade.

This course provides an introduction to mapping and geographic information science, which includes computer systems and software for geographic analysis, cartography, global positioning systems and remote sensing. Included are geographic concepts for spatial analysis and work on practical applications with computer software.

Transferable to both UC and CSU; see counselor for limitations

ARCHT 61 4 units

Fundamental Design Studio

54 hours lecture, 54 hours laboratory

Recommended Preparation: ARCHT 34 or ARCHT 634 and ARCHT 35 or ARCHT 635.

Grading: letter grade.

This course is an introductory architectural class utilizing a range of software to document design solutions both graphically and through model building techniques. The class prepares students for careers in the field of architecture and related fields such as interior and environmental design. Students apply elements of design and characteristics of style to create a small structure and develop a corresponding graphic presentation consisting of architectural drawings and precedent studies.

Transferable to CSU Only

ARCHT 82 3 units

Urban Dynamics - American Cities

54 hours lecture

Grading: letter grade.

This course delves into the historical context of the American city, focusing on its growth and development over time. Through an in-depth analysis, students will examine the political, built, and natural environments that have shaped American cities. By studying the historical trajectory, students will gain essential tools to critically explore and comprehend the complexities of contemporary cities. This course aims to foster a deeper understanding of urban dynamics, enabling students to analyze and interpret the urban landscape through a critical lens.

Transferable to CSU Only

ARCHT 65 4 units

Urban Design Studio

54 hours lecture, 54 hours laboratory

Prerequisite: ARCHT 61.

Grading: letter grade.

This project based design course focuses on urban planning and architecture, providing an overview of conceptual and methodological frameworks employed in surveying and designing the built environment. Additionally, the course explores diverse approaches to analyzing and evaluating urban form and public space, emphasizing professional terminology, visual analysis, representation, aesthetic considerations, and the influence of symbolic and cultural factors.

Transferable to CSU Only

ARCHT 83 3 units

Urbanscapes & Cultures

54 hours lecture

Grading: letter grade.

This course explores the intersection of race, ethnicity, and urban development, examining their impact on American cities. It also considers global influences on urban planning in the United States, emphasizing topics like segregation, ethnic enclaves, and economic disparities. Students will study the role of policies, politics, and community actions in shaping inequality and community identities. Course content emphasizes housing and environmental justice to enhance understanding of these urban dynamics.

Transferable to both UC and CSU; see counselor for limitations

ARCHT 84 3 units

Research Methodologies for Design

54 hours lecture

Grading: letter grade.

This course explores the core methodologies essential for rigorous research in the built environment. It offers a comprehensive exploration of both qualitative and quantitative approaches, equipping students with the tools and knowledge to navigate, critique, and implement research projects effectively. Understand the strengths, challenges, and contexts in which each method thrives, from ethnographic studies and case analyses to statistical modeling and GIS techniques. Through hands-on projects, case studies, and collaborative discussions, students will be poised to design holistic research endeavors that inform, influence, and innovate in the realm of urban planning, architecture, and other design professions.

Transferable to both UC and CSU; see counselor for limitations