

Architecture

This program leads to the Associate of Arts degree in Architecture. It prepares students for transfer to professional schools of architecture. The primary goals of the program are to provide students with the fundamental professional knowledge and technical skills needed to compete in the challenging and rewarding career of architecture, and to foster the development of each student's creative capacities, reflecting an integrated understanding of the multi-faceted factors influencing design decisions.

The curriculum and faculty are dedicated to providing each student with strong design skills and technical experiences early in his or her education. In the Architecture program, the design studio is the focus. It is here that design fundamentals are acquired, and technical, historical and theoretical concepts are synthesized and applied. Students increase their spatial visualization capabilities and are guided in developing a design process and a personal creative vision. At the same time, they learn to work as part of a design team. The design projects are organized to build aesthetic understanding, technical abilities, sensitivity to human needs and awareness of the social consequences of design decisions.

At the College, the study of architecture reflects the diverse and evolving roles and responsibilities of the design professional. The program provides a broad liberal arts education, drawing upon art, science, humanities, social science, and the history of architecture and interior design. This is the vital foundation that leads to the ability to design buildings that are functional, lasting and beautiful.

STUDENT LEARNING OUTCOMES:

Upon completion of this program, graduates will be able to:

- Demonstrate an understanding of the design process by solving specific design problems, synthesizing and applying technical, historical, cultural and theoretical concepts.
- Develop design drawings and models utilizing freehand drawing and modeling, mechanical drawing, and computer drafting and modeling.
- Demonstrate knowledge of various building materials and methods, and related building technologies.
- Communicate effectively and work as part of a team using graphic, oral and written modes.

PROGRAM ENTRY REQUIREMENTS:

Architecture is a select program. To be accepted into the program, students must complete ADC 109 – Design Studio I with a minimum grade of “C.” Students should begin their program of study in the non-select Computer-Assisted Design Technology (CADT) program which requires the same first semester departmental course (ADC designations). Students listing Architecture as their intended field of study on their application to the College will be placed into the CADT program. When ADC 109 has been completed with a “C” or better, students will be accepted into the Architecture program. Students with college-level design work can be evaluated on an individual basis by the department faculty for admission prior to completing ADC 109.

Interested high school students should complete a year of geometry, two years of algebra and two years in art-related areas (drawing, sculpture, photography or related areas). Mechanical drafting or Computer Assisted Design is also advantageous.

Students are required to take the College's placement tests at the time of admission. Students identified as needing developmental coursework must satisfactorily complete the appropriate English and mathematics courses prior to enrolling in courses required by the degree program.

PROGRAM OF STUDY AND GRADUATION REQUIREMENTS:

To qualify for the A. A. degree in Architecture, a student must complete a minimum of 68 credits as prescribed, attain a minimum grade point average of 2.0 (“C” average) and earn a “C” or higher in all ADC and ART courses.

(continued on next page)

ARCHITECTURE

Course Number and Name	Prerequisites and Corequisites	Credits	Gen Ed Req.
FIRST SEMESTER			
ADC 101 – Introduction to Design and Construction		3	
ADC 103 – CAD Basics		3	Tech Comp*
ADC 109 – Design Studio I		4	
ART 105 – Drawing I		3	
ENGL 101 – English Composition I		3	ENGL 101
SECOND SEMESTER			
ADC 159 – Design Studio II	ADC 109, ADC 103	4	Tech Comp*
ADC 112 – Construction Materials and Detailing		3	
ADC 160 – Presentation Techniques	ADC 109	3	Tech Comp*
MATH 162 – Precalculus II (or above as per placement)	MATH 161	3	Mathematics
ENGL 102 – English Composition II	ENGL 101	3	ENGL 102, Info Lit
THIRD SEMESTER			
ADC 209 – Design Studio III	ADC 159, ADC 160	4	Tech Comp*
ADC 212 – Materials and Detailing: Interiors and Enclosures	ADC 101	3	Tech Comp*
ADC 221 – History of Architecture and Interiors I	ENGL 101	3	
ADC 260 – Advanced Presentation Techniques	ADC 160; and ADC 209 which may be taken be taken concurrently, or ADC 163 which may be taken concurrently	3	Tech Comp*
Humanities Elective		3	Humanities
Social Science Elective		3	Social Sciences
FOURTH SEMESTER			
ADC 222 – History of Architecture and Interiors II	ADC 221 and ENGL 102 which may be taken concurrently	3	
ADC 253 – Environmental Control Systems	ADC 101	3	
ADC 259 – Design Studio IV	ADC 209	4	Tech Comp*
PHYS 111 – General Physics I	MATH 162	4	Natural Science
Social Science Elective		3	
MINIMUM CREDITS NEEDED TO GRADUATE		68	

General Education Requirements

All General Education requirements are met through required courses (as indicated above) except for the Writing Intensive, Interpretive Studies and American/Global Diversity requirements. Therefore, in order to graduate, students in this program must choose one course that is designated Writing Intensive, one course that is designated Interpretive Studies and one course that is designated American/Global Diversity. The same course may be used to fulfill all three requirements. A list of courses that fulfill these requirements and a more detailed explanation of the College's general education requirements appear elsewhere in this Catalog and on www.ccp.edu.

* Students must complete ADC 103, ADC 159, ADC 160, ADC 212, ADC 260, ADC 209 and ADC 259 to meet the Technological Competency requirement.

For More Information Contact:

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