

Architecture Program A.S. Degree

This degree program is for students wishing to transfer to Bachelor of Architecture schools at accredited colleges or universities. The program provides the equivalent number and type of courses generally required in the first two years of study within a five-year curriculum. Completion of a five-year curriculum is a requirement for licensing as a professional architect. An architectural education embodies the study of both art and engineering disciplines. The program's goal is to develop creative and analytical skills in both of these areas.

Graduates of this program will be able to:

- Identify how the history of architecture influences current design
- Discuss what non-design factors influence building design
- Explain the technical requirements of building and construction
- Demonstrate the ability to organize a building program into building space from functional and aesthetic perspectives
- Develop three-dimensional utilization abilities through abstract design exercises
- Be versed in architectural presentation techniques in both manual and digital Formats

Requirements

General Education - 30 credits

Select 30 General Education credits from among the following (course credit numbers included):

ENGL 121 English Composition: 3

The Writing Process

ENGL 122 English Composition: 3

Writing and Research

SPCH 115 Public Speaking 3

ARTH 107 History of Art: Renaissance 3

Through Contemporary

MATH 152 College Algebra and 4

Trigonometry

MATH 153 Pre-Calculus Mathematics 4

PHYS 111 General Physics I (non-calculus) 4

or

PHYS 121 General Physics I 4

PHYS 112 General Physics II(non-calculus) 4

or

PHYS 122 General Physics II 4

Social Sciences 3

Social Sciences or Humanitites 3

Career Studies — 38 credits as follows:

ARCH 121 People and Their Environment 3

ARCH 131 Introduction to Design I 5

ARCH 132 Introduction to Design II 5

ARCH 151 Architectural Construction I 3

ARCH 152 Architectural Construction II 3

ARCH 245 History of Architecture: 3

Pre-History to Gothic

ARCH 246 History of Architecture: 3

Renaissance to

Mid-19th Century

ARCH 247 History of Architecture: Industrial 3

Revolution to Modernism

ARCH 261 Architectural Studio I 5

ARCH 262 Architectural Studio II 5

Suggested Electives (beyond degree requirements):

MATH 171 Calculus I 4

MATH 172 Calculus II 4

ARTS 111 Drawing I 3

CADD 211 Intermediate Computer 3

Aided Drafting

DIGM 116 Digital Production 3

Photoshop