### Architectural Science Courses

**Technical Core:** 81 hrs

- AMS 140 Intro to Occupational Safety 1hr
- AMS 151 Architectural Graphics 3hrs
- AMS 163 Architectural Drafting 3hrs
- AMS 180 Intro to Architecture 3hrs
- AMS 251 3D Modeling & Imaging 3hrs
- AMS 261 Construction Methods & Materials 3hrs
- AMS 262 Construction Methods & Materials Lab 1hr
- AMS 263 Architectural Documentation I 3hrs
- AMS 273 Architectural Detailing 3hrs
- AMS 282 Building Structures 3hrs
- AMS 305 Building Codes 3hrs
- AMS 325 Survey of Building Systems 3hrs
- AMS 351 Building Info Modeling 3hrs
- AMS 363 Architectural Documentation II 3hrs
- AMS 369 Architectural Design Studio I 4hrs
- AMS 371 Quality Assurance 3hrs
- AMS 390 Project Management 3hrs
- AMS 398 Internship I 1hr

AMS 430 Tech Mgmt/ Supervision/Team Building 3hrs
AMS 469 Architectural Design Studio II 4hrs
AMS 488 Comprehensive Design 3hrs
AMS 490 Senior Research 3hrs
CE 303 Construction Management 3hrs
CE 304 Construction Management Lab 1hr
ENG 306 or 307 Business or Technical Writing 3hrs
SFTY 171 Safety and First Aid 1hrs
PHYS 201 College Physics I 3hrs
ECON 202 Prin Economics-Micro 3hrs
MATH 117 or higher (Foundations) 3hrs
Exploration 3hrs
Colonnade Courses 33hrs

**Total** 120 hrs

### BS in Architectural Sciences Course Schedule (Sample)

#### Freshman Year

**First Semester (Fall)**

- AMS 151 Architectural Graphics 3hrs
- AMS 140 Intro to Occupational Safety 1hr
- AMS 180 Intro to Architecture 3hrs
- MATH 117 Trigonometry (Foundations) 3hrs
- Foundations Course 3hrs
- Foundations Course 3hrs

**Second Semester (Spring)**

- AMS 163 Architectural Drafting 3hrs
- AMS 261 Construction Methods and Materials 3hrs
- AMS 262 Construction Methods and Materials Lab 1hr
- Explorations Course 3hrs
- Foundations Course 3hrs
- Explorations Course 3hrs

**Total 16hrs**

#### Sophomore Year

**Third Semester (Fall)**

- AMS 251 *3D Modeling & Imaging 3hrs
- AMS 263 *Architecture Documentation I 3hrs
- Arch Science Elective- Advisor Approved 3hrs
- Foundations Course 3hrs
- Explorations Course 3hrs

**Fourth Semester (Spring)**

- AMS 273 *Architectural Detailing 3hrs
- AMS 282 *Building Structures 3hrs
- AMS 305 *Building Codes 3hrs
- AMS 325 *Survey of Building Systems 3hrs
- Foundations Course 3hrs

**Total 16hrs**

#### Junior Year

**Fifth Semester (Fall)**

- AMS 363 *Architectural Documentation II 3hrs
- CE 303&304 Construction Management & Lab 4hrs
- Connections Course 3hrs
- AMS 390 Project Management 3hrs
- AMS 398 Internship 1hr

**Sixth Semester (Spring)**

- AMS 369 Architectural Design Studio I 4hrs
- Exploration 3hrs
- AMS 371 Quality Assurance 3hrs
- AMS 351 Building Information Modeling 3hrs
- ENG 306 or 307 Business or Technical Writing 3hrs

**Total 16hrs**

#### Senior Year

**Seventh Semester (Fall)**

- AMS 469 *Architectural Design Studio II 4hrs
- AMS 488 *Comprehensive Design 3hrs
- Arch Science Elective- Advisor Approved 3hrs
- Arch Science Elective- Advisor Approved 3hrs

**Eighth Semester (Spring)**

- AMS 430 Tech Mgmt/ Supervision/ Team Building 3hrs
- AMS 490 *Senior Research 3hrs
- Connections Course 3hrs
- Connections Course 3hrs
- Management Elective 3hrs

* Designates Class has Prerequisite Requirement

**Total 15hrs**