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## BHA/BSA - CFA CONCENTRATION: ARCHITECTURE

### ARCHITECTURE CONCENTRATION (108 units minimum)

BHA/BSA Architecture Academic Advisor:

Doug Cooper MMCH 204B, x8-2367 dcooper@andrew.cmu.edu

#### Required Courses (54 units minimum)

48-095	Architecture for Non-Majors (Spring)	9 units
*Or*		
48-100	Architecture Design Studio: Foundation I	12 units
48-130	Architectural Drawing I: A Tactile Foundation	9 units
48-135	Architectural Drawing II: Appearance	9 units
48-240	Survey of World Architecture & Urbanism	9 units
48-34x	Architectural History Lecture (varying topics)	9 units
48-44x	Architectural History Lecture (varying topics)	9 units

Complete one of the following Elective Foci, or design your own focus in consultation with the Architecture advisor (54 units minimum):

#### Elective Focus: General Education in Architecture (54 units)

48-120	Introduction to Digital Media I	6 units
48-210	Statics (prerequisite: 33-106 or 48-115)	9 units
48-215	Materials and Assembly (prerequisite: 48-210)	9 units
48-217	Structures (prerequisite: 48-210)	9 units
48-315	Environment I: Climate and Energy (prerequisite: 33-106 or 48-115)	9 units
48-351	Human Factors in Architecture	9 units
48-34x	Architectural History Lecture (varying topics)	9 units
48-44x	Architectural History Lecture (varying topics)	9 units
48-452	Real Estate Design and Development	9 units
48-453	Urban Design Theory and Practice	9 units
48-551	Ethics and Decision Making in Architecture	9 units
48-5xx	Departmental Elective (prerequisites vary)	9 units

#### Elective Focus: Architectural Representation and Visualization (54 units)

This sequence is intended to develop particular skills in architectural representation.

48-120	Introduction to Digital Media I	6 units
48-125	Introduction to Digital Media II	6 units
48-3xx	Drawing Elective	9 units
48-7xx	Graduate Elective	9 units
48-7xx	Graduate Elective	9 units

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## BHA/BSA - CFA CONCENTRATION: ARCHITECTURE, CONT'D

### **Elective Focus: Architectural Technology (54 units)**

This sequence is intended to develop intellectual links to the technical aspects of the profession.

#### Prerequisite Courses:

33-106	Physics I for Engineering Students	12 units
*or*		
48-115	Physics for Architects	9 units
62-175	Descriptive Geometry	6 units

#### Elective Courses:

48-210	Statics (prerequisite: 33-106 or 48-115)	9 units
48-215	Materials and Assembly (prerequisite: 48-210)	9 units
48-217	Structures (prerequisite: 48-210)	9 units
48-315	Environment I: Climate and Energy (prerequisite: 33-106 or 48-115)	9 units
48-410	Environment II: Space, Sound, and Light (prerequisite: 33-106 or 48-115; in conjunction with studio)	6 units
48-412	Environment III: Mechanical Systems	9 units
48-415	Advanced Building Systems (prerequisite: 48-315; in conjunction with studio)	6 units
48-4xx	Designated Departmental Technical Elective	9 units

### **Elective Focus: Architectural History (six varying topics, 54 units)**

48-34x/44x	Architectural History	9 units
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48-34x/44x	Architectural History	9 units