



# Architectural Studies

## University of Missouri

Degree Requirements for:

### ARCHITECTURAL STUDIES

*The Architectural Studies emphasis is a four-year, professional baccalaureate program often referred to as a Pre-Architecture program. The architectural studies emphasis mission is to prepare students for success in entry-level jobs in the design and construction industry and also to prepare students for advanced study in architecture M Arch (Masters of Architecture) programs.*

*A limited number of students are admitted to the studio sequence for the architectural studies emphasis area. Student should apply for admission at the end of the spring semester of the freshman level in the curriculum for permission to enroll in ARCHST 2811 Studio I. In addition to the Mizzou General Education and HES College requirements, the following courses comprise the Architectural Studies emphasis area.*

**1. Basic Creative Development: (9 hours)**

- \_\_\_\_\_ ARCHST 1100 Visual Design (3), or  
ART 1030 Basic 2-D Design
- \_\_\_\_\_ ARCHST 2315 Intro to Building Systems Lab (1)
- \_\_\_\_\_ ARCHST 2316 Advanced Building Systems Lab (2),
- \_\_\_\_\_ ARCHST 3100 Color & Light (3)

**2. Design Planning and Analysis: (25 hrs)**

- \_\_\_\_\_ ARCHST 2811 Studio I (4)
- \_\_\_\_\_ ARCHST 3182 Studio II (4)
- \_\_\_\_\_ <sup>2</sup>ARCHST 4815 Construction Doc. & BIM Studio (4)
- \_\_\_\_\_ ARCHST 4823 Architectural Studio III (4)
- \_\_\_\_\_ ARCHST 4824 Architectural Studio IV (4)
- \_\_\_\_\_ ARCHST 4860 Programming for Thesis (1)
- \_\_\_\_\_ ARCHST 4990 Thesis Design Studio (4)

**3. Design Communication: (12 hrs)**

- \_\_\_\_\_ ARCHST 1200 Arch. Drafting & Working Drawings (3)
- \_\_\_\_\_ ARCHST 2230 Design Communication I (3)
- \_\_\_\_\_ ARCHST 3230 Adv. Design Comm Using BIM (3)
- \_\_\_\_\_ <sup>1</sup>ART 1050 Drawing: Materials and Methods (3)

**4. Technical Knowledge (25 hrs)**

- \_\_\_\_\_ ARCHST 2220 Intro to CAD (3)
- \_\_\_\_\_ ARCHST 2310 Building Systems (3)
- \_\_\_\_\_ <sup>1</sup>ARCHST 2323 Sustainable Building Design (3)
- \_\_\_\_\_ ARCHST 4320 Materials, Methods & Products (3)
- \_\_\_\_\_ ARCHST 4323 Sustainable Technologies (3)
- \_\_\_\_\_ ARCHST 4333 Compliance & Specifications (3)
- \_\_\_\_\_ <sup>1</sup>MATH 1400 Calculus for Social and Life Sciences (3)
- \_\_\_\_\_ <sup>1</sup>PHYSCS 1210 College Physics (4)

**5. History of Art, Arch. and Interiors: 9 hours**

- \_\_\_\_\_ <sup>1</sup>ARCHST 4430 Design with Historic Preservation (3)
- \_\_\_\_\_ ARCHST 4435 History of the Designed Env.  
to 1750 (3)
- \_\_\_\_\_ ARCHST 4440 Design Precedents: Arch, Interior &  
Furniture Design Since Ind. Rev. (3)

**6. Business: 3 hours**

- \_\_\_\_\_ ARCHST 4710 Design Business Practices (3)

**7. Design Theory: 12 hours**

- \_\_\_\_\_ <sup>1</sup>ARCHST 1600W Fund. of Environmental Design (3)
- \_\_\_\_\_ <sup>1</sup>ARCHST 2100 Understanding Architecture and the  
American City (3)
- \_\_\_\_\_ <sup>1</sup>ARCHST 2620 People, Places, & Design (3)
- \_\_\_\_\_ ARCHST 3600W Environmental Analysis (3)

**8. Electives**

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**TOTAL 125 credits minimum**

<sup>1</sup> These courses may double-dip in General Education and the Degree Program.

<sup>2</sup> This is the capstone course

# Architectural Studies Sample Schedule

Accredited by Council for Interior Design Accreditation <https://accredit-id.org/>

## Department of Architectural Studies

University of Missouri-Columbia, 137 Stanley Hall, Columbia, MO 65211

(573) 882-7224 Fax (573) 884-6679 Home Page: <http://arch.missouri.edu>

	Fall	Spring	Summer
Freshman	American History or Government (3) ARCHST 1100 Visual Design (3) F, Sp ARCHST 1200 Arch. Drafting (3) F, Sp ARCHST 2100 Understanding Arch (3) F <sup>2</sup> ENGLSH 1000 (3) <sup>1</sup> GN HES 1100 Intro to HES (1)	ARCHST 1600W Fund of Env Design (WI) (3) Sp ARCHST 2315 Intro to Building Syst. Lab (1) F,Sp ARCHST 2620 People, Places, & Design (3) Sp,SS ART 1050 Drawing: Materials & Methods (3) HES Foundation (3) MATH 1100 College Algebra (3)	Portfolio Review in May  Optional offerings: ARCHST 4940 Internship (1-3) (elective) or Study Abroad (elective)
Sophomore	ARCHST 2220 Introduction to CAD (3) F ARCHST 2310 Building Systems (3) F ARCHST 2316 Adv Build Lab (2), F, Sp ARCHST 2811 Studio I (4) F ARCHST 4430 Historic Preservation (3) F, SS	ARCHST 2230 Design Comm I (3) Sp ARCHST 2323 Sustainable Building Design (3) Sp,SS ARCHST 3100 Color & Light (3) Sp ARCHST 3182 Studio II (4) Sp MATH 1400 Calc for Soc & Life Sci (3)	Optional offerings: ARCHST 4940 Internship (1-3) (elective) or Study Abroad (elective)
Junior	ARCHST 3230 Adv. Des. Comm Using BIM (3) F ARCHST 3600W Env. Analysis (WI) (3) F ARCHST 4320 Materials, Methods, Products (3) F ARCHST 4435 History to 1750 (3) F ARCHST 4823 Architecture Studio III (4) F, SS	ARCHST 4323 Sustainable Technologies (3) Sp ARCHST 4333 Compliance & Specifications (3) Sp ARCHST 4824 Architecture Studio IV (4) F, Sp ARCHST 4860 Prog for Thesis (1) F, Sp PHYSCS 1210 College Physics (4)	Optional offerings: ARCHST 4940 Internship (1-3) (elective) or Study Abroad (elective)
Senior	ARCHST 4710 Design Business Practices (3) F ARCHST 4990 Thesis Design Studio (4) F, Sp Electives (6) HES Foundation (3)	ARCHST 4440 Design Precendents (3) Sp ARCHST 4815 Constr. Doc. & BIM (4) F, Sp Electives (8)	
	16 credit hours	16 credit hours	
	15 credit hours	15 credit hours	
	16 credit hours	15 credit hours	
	16 credit hours	15 credit hours	
		<b>Minimum of 125 credit hours are required</b>	

<sup>1</sup> GN HES 1100 is required.

See course descriptions in Catalog or Schedule of Courses for prerequisites and other requirements.

The BS with an emphasis in Architectural Studies is a pre-professional degree that prepares candidates for admission to professional architectural programs with advanced standing, as well as for professional roles in related fields — in research, government, development, management, planning, etc. While many of these occupations do not require a professional license, they do require an understanding of, and exposure to, a professional education.

## PORTFOLIO REVIEW: Application for Admission to Studio Sequence in Architectural Studies

A limited number of students are admitted to the studio sequence in the Department of Architectural Studies and interior design tracks. Students should apply for admission at the end of the spring semester of the freshman level in the curriculum for permission to enroll in ArchSt 2811 – Studio I. The application consists of two parts: 1) an application form and 2) a portfolio of student work. Application forms are available early in the semester in a rack outside of the Arch Reception Area, 137 Stanley Hall and on the department web site <http://arch.missouri.edu/> Acceptance decisions are based on an enrollment capacity of approximately 40 students, design work, academic achievement, and ACT scores:

### 1. Design Work

- Faculty will be looking for 1) quality of work and 2) diversity of work
- Instructions for submittal of design work and criteria for its review are included on the application form
- Optional: Design work from additional studio courses or creative work done outside of classes

### 2. Academic Achievement

- Recommended minimum cumulative 2.50 GPA. Students with GPA below 2.50 may apply.
- ACT or SAT score (if available)
- Satisfactory completion of ArchSt 1200 - Arch. Drafting and Working Drawings
- Satisfactory completion of ARCHST 1100 Visual Design (or equivalent 2-D)
- Satisfactory completion of ART 1050 Drawing
- Optional: Design work from additional studio courses or creative development work done on your own may be included.

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## Architectural Studies leading to M Arch

Students interested in continuing for the M Arch and pursuing architecture licensure are encouraged to keep in communication with the institutions where they intend to continue their professional development.

### University of Kansas Reciprocity Agreement

- Admission based on GPA, letters of recommendation, portfolio review and interview.
- Includes a study abroad requirement.
- MArch completed in 2 calendar years (based on portfolio & GPA).
- Out-of-state tuition waived for Missouri residents when enrolled in MArch program as a first professional architecture degree.
- Questions about the program? Contact Admissions Secretary in the School of Architecture, Design & Planning, University of Kansas, Marvin Hall, Lawrence, KS 66045, (785) 864-3167 or check the web site at <https://sadb.ku.edu/>

## Examples of Careers Pursued by Graduates of the Program

The Department of Architectural Studies (in existence since 1900) offers baccalaureate professional design options in interior design and architectural studies. Students learn the process of environmental design problem-solving for people in offices, commercial and institutional facilities, healthcare facilities, and residential settings. Also, see post-graduate placements in [arch.missouri.edu/alumni.html](http://arch.missouri.edu/alumni.html)

Architect - with MArch degree

Designer – with firms offering services in design, development, construction

Residential designer

Manufacturer's showroom designer

CAD specialist

Building Information Modeling (BIM) specialist and management

Design with digital media specialist

Professional renderer

Model builder

ADA and accessibility compliance consultant

US Green Building Consultant – “LEED” certification specialist

Architectural photographer

Building materials sales representative

Product designer

Specification writer

Installation supervisor

Contract administrator

Marketing specialist

Construction project manager

Museum and exhibit work

Journalism

Merchandising, retail and exhibit design

Graphics and wayfinding

Dealership customer service

Lighting specification

Facility planner