



Architectural Studies

Department of Architectural Studies

Degree Program Requirements

Degree Program Requirements include General Education courses; HES College requirements; and Degree Program courses. Students must apply for admission into the program. Acceptance decisions are based on an enrollment capacity of approximately 40 students, design work, academic achievement, and ACT or SAT scores.

GENERAL EDUCATION

*English: 3 hours + 6 hours Writing Intensive

- ENGLISH 1000 Exposition and Argumentation
- ARCHST 1600 Fund. of Environmental Design (WI) (3)
- ARCHST 3600 Environmental Analysis (WI) (3)

*Mathematics: 3 hours + Math Reasoning

- MATH 1100 College Algebra
- ARCHST 4323 Sustainable Technologies - Math Reasoning Proficiency course

American History or Government: 3 hours

- HIST 1100, 1200, 1400, 2210, 2440, 4000, 4220, 4230, or POL SC 1100, 1700, 2100

Distribution of Content: 27 hours

- 9 hours of Biological, Physical, and/or Mathematical Science with at least one biological or physical science and its related laboratory. Two different areas of science must be completed.

- 9 hours Social and Behavioral Sciences including at least two different departments.

- 9 hours Humanities and/or Fine Arts including at least one course from two different departments. (Foreign language is an exception. A minimum of 12-13 hours of the same foreign language must be taken to fulfill the Humanities requirement.)

Met with Professional Coursework

- Choose at least one course numbered 2000 or higher in **two** of the areas of distribution. Met with ARCHST 2620 & ARCHST 2100

- The list of courses approved for the Distribution of Content may be found at this URL: <http://generaleducation.missouri.edu/requirements/>

Biological, Mathematical and Physical Sciences: 9 hours

- Math 1400 Calc for Soc & Life Sci 3cr
- PHYSICS 1210 College Physics 4cr
- ARCHST 4323 Sustainable Technologies 3cr
- _____

Social and Behavioral Sciences: 9 hours

- American History or Govt 3cr
- ARCHST 2620 People, Place, & Design 3cr
- ARCHST 3860 Human Factors Programming 3cr

Humanistic Studies and Fine Arts: 9 hours

- ARCHST 1600 Fundamentals of Environmental Design 3cr
- ARCHST 2100 Und. Arch. & American Cities 3cr
- Art 1050 Drawing 3cr

Capstone Experience

Completed during last semester of coursework.

- ARCHST 4990 Thesis Studio

HES COLLEGE

Foundation Courses: 6-7 hours

At least one course from two different departments must be represented
Courses used to fulfill the Foundation Course requirement may not double count toward the Distribution of Content requirement

- FINPLN 2183 Personal and Family Finance (3) (MRP), or FINPLN 4380 Assessing the American Dream (3)
- HDFS 1600 Foundations of Family Studies (3), or HDFS 1610 Intimate Relationships and Marriage (3), or HDFS 2400 Principles of Human Development (4)(WI)
- HES 1100 Intro to Human Environmental Sciences (1) (Required for freshmen; recommended for transfer students.)
- NEP 1034 Nutr Current Concepts and Controversies (3), or NEP 1340 Nutr and Fitness (3), or NEP 2222 Landscape of Obesity (3), or NEP 2380 Diet Therapy for Health Prof (3)
- SW 1115 Social Welfare and Social Work (3), or SW 2000 Exploration in Social and Economic Justice System (3), or SW 4710 Social Justice and Social Policy (3)
- TAM 1200 Basic Concepts of Apparel Design and Prod. (3), or TAM 1300 Softgoods Retailing (3), or TAM 2200 Textiles (3), or TAM 2400 Global Consumer (3), or TAM 2500 Social Appearance in Time and Space (3)(WI), or TAM 3510 Survey of Western Dress (3)(WI), or TAM 3700 Multi-Channel Retailing (3)

Foundation courses may not double count as General Education courses



ARCHITECTURAL STUDIES DEGREE PROGRAM

A limited number of students are admitted to the studio sequence for the architectural studies emphasis. 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.

1. Basic Creative Development: (9 hours)

- ⁽¹⁾ ARCHST 1100 Visual Design (3), or
Art 1030 Basic 2-D Design (3)
- 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: 28 hours

- ARCHST 2811 Studio I (4)
- ARCHST 3182 Studio II (4)
- ⁽¹⁾ ARCHST 3860 Human Factors Programming (3)
- 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 Studio (4)

3. Design Communication: 12 hours

- ARCHST 1200 Drafting (3)
- ARCHST 2230 Design Communication I (3)
- ARCHST 3230 Adv. Design Comm Using BIM (3)
- ⁽¹⁾ Art 1050 Drawing I (3)

4. Technical Knowledge: 22 hours

- ARCHST 2220 Intro to CAD (3)
- ARCHST 2310 Building Systems (3)
- ARCHST 4320 Materials & Methods (3)
- ⁽¹⁾ ARCHST 4323 Sustainable Technologies (3)
- ARCHST 4333 Compliance & Specifications (3)
- ⁽¹⁾ MATH 1400 Calc for Soc & Life Sci I (3)
- ⁽¹⁾ PHYSICS 1210 College Physics (4)

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

- ⁽¹⁾ ARCHST 4430 Design & Historic Preservation (3)
- ⁽¹⁾ ARCHST 4435 History of the Designed Environment to 1750 (3)
- ⁽¹⁾ 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

- ⁽¹⁾ ARCHST 1600 Fund. of Environmental Design WI (3)
- ⁽¹⁾ ARCHST 2100 Understanding Architecture and the American City (3)
- ⁽¹⁾ ARCHST 2620 People, Places, & Design (3)
- ARCHST 3600 Environmental Analysis WI (3)

8. Electives

- _____
- _____
- _____
- _____

TOTAL 125 credits minimum

⁽¹⁾ These courses may double count in General Education and the Degree Program.

Architectural Studies

Sample Schedule

Department of Architectural Studies

University of Missouri, 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) (2)ARCHST 1100 Visual Design (3) F, Sp ARCHST 1200 Drafting (3) F, Sp ARCHST 2100 Understanding Arch. (3) F ENGLISH 1000 (3) (1)GN HES 1100 Intro to HES (1)	ARCHST 1600 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 I (3) HES Foundation (2) MATH 1100 College Algebra (3)	Portfolio Review in May	Optional offerings: ARCHST 2620 People, Places, & Design (online) (3) or Study Abroad (elective)	
	16 credit hours	15 credit hours			
	Sophomore	ARCHST 2220 Intro to CAD (3) F ARCHST 2310 Building Systems (3) F ARCHST 2316 Adv Build Lab (2), F, SS ARCHST 2811 Studio I (4) F ARCHST 4430 Historic Preservation (3) F, SS		ARCHST 2230 Design Comm I (3) Sp ARCHST 3100 Color & Light (3) Sp ARCHST 3182 Studio II (4) Sp ARCHST 3860 Human Factors Progr. (3) (WI) Sp MATH 1400 Calc for Soc & Life Sci I (MRP) (3)	Optional offerings: ARCHST 4430 Dsgn w/Historic Preservation (online) (3) ARCHST 4823 Architectural Studio III (4) ARCHST 4940 Internship (1-3) (elective) or Study Abroad (elective)
		15 credit hours		16 credit hours	
Junior	ARCHST 3230 Adv. Des. Comm Using BIM (3) F ARCHST 3600 Env Analysis (WI) (3) F ARCHST 4320 Materials, Methods, Products (3) F ARCHST 4823 Architectural Studio III (4) F, SS ARCHST 4435 History to 1750 (3)	ARCHST 4323 Sustainable Technologies (3) Sp ARCHST 4333 Compliance & Specifications (3) Sp ARCHST 4440 Design Precedents (3) Sp ARCHST 4824 Architecture Studio IV (4) F, Sp HES Foundation (3)	Optional offerings: ARCHST 4430 Dsgn w/Historic Preservation (online) (3) ARCHST 4940 Internship (1-3) (elective) or Study Abroad (elective)		
	16 credit hours	16 credit hours			
Senior	ARCHST 4710 Design Business Practices (3) F ARCHST4815 Constr. Doc & BIM Studio (4) F, Sp ARCHST 4860 Prog. for Senior Thesis (1) F, Sp Electives (3) PHYSICS 1210 College Physics (4)	ARCHST 4990 Thesis Design Studio (4) F, Sp Electives (11)	Optional (offerings): ARCHST 4940 Internship (1-3) (elective)		
	15 credit hours	15 credit hours Minimum of 125 credit hours are required			

(1) GN HES 1100 is required for entering Freshmen, recommended for Sophomore transfers, not required for Junior or Senior transfers.

(2) Students must complete English 1000 with a minimum grade of C- prior to enrolling in ArchSt 1600 for Writing Intensive credit.

(WI) Writing Intensive courses require a minimum grade of C-. ArchSt 1600, 3600 and 3860 may satisfy this requirement.

(MRP) Students must complete College Algebra with a minimum grade of C- prior to taking a Math Reasoning Proficiency course. Math 1400 may satisfy this requirement.

The BS HES 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 other roles in society 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. Students may select to complete requirements for both architectural studies and interior design emphases.



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

- Submission of selected work from at least two of the studio courses listed under #2
- Optional: Design work from additional studio courses or creative work done outside of classes
- 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

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.

Architectural Studies: Cooperating M Arch Program with Reciprocity Agreements

Because curriculum, program offerings, and requirements change, students interested in continuing for the M Arch are encouraged to keep in communication with the institutions where they intend to continue their professional development.

University of Kansas

- 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://sadp.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 link to the department’s website page “Professional Development for Undergraduates” http://arch.missouri.edu/resources_pd.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 Consul – “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