Degree Requirements for:

ARCHITECTURAL STUDIES

**GENERAL EDUCATION**

*English: 9 hours*
- ENGLISH 1000: Exposition and Argumentation (3)
  - Two Writing Intensive courses: One must be in the major.
  - Prerequisite: ENGLISH 1000
- ARCHST 1600W Fund. of Environmental Design (3) **WI**
- ARCHST 3600W Environmental Analysis (3) **WI**

*Mathematics: 6 hours*
- MATH 1100: College Algebra (3)
  - Prerequisite: MATH 1100 with a grade in the C range.
- ARCHST 4323 Sustainable Technologies (3) **MRP**

**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**
~ Courses approved for the Distribution of Content may be found at: [http://generaleducation.missouri.edu/requirements/](http://generaleducation.missouri.edu/requirements/)
~ Choose at least one course numbered 2000 or higher in two different areas of the distribution.
~ HES Foundation may not ‘double dip’ for both Gen Ed and HES Foundation credit.

**Biological, Mathematical and Physical Sciences: 9 hours**
At least one Biological or Physical Science and its related laboratory.
Two different areas of science must be completed.
- ARCHST 2323 Sustainable Building Design Lab (3)
- MATH 1400 Calculus for Social and Life Sciences (3)
- PHYSCS 1210 College Physics (3)

**Social and Behavioral Sciences: 9 hours**
At least two different departments must be represented. American History or Political Science course may ‘double count’ here.
- American History or Government (3)
- ARCHST 2100 Understanding Arch and the American City (3)
- ARCHST 2620 People, Places & Design (3)

**Humanities and Fine Arts: 9 hours**
At least one course from two different departments must be represented. (Foreign language is an exception. A minimum of 12-13 hours of the same foreign language must be taken to fulfill the Humanities requirement.)
- ARCHST 1600W Fund. of Environmental Design (3)
- ARCHST 4430 Historic Preservation (3)
- Art 1050 Drawing (3)

**Capstone Experience**
Completed during last two semesters of coursework.
- ARCHST 4815 Const. Doc. and BIM Studio (4)

*HES COLLEGE*

**Foundation Courses: 7-8 hours**
At least one course from two different departments must be represented.
- GN HES 1100 Intro to Human Environmental Sciences (1)
- FINPLN 2183 Personal and Family Finance **MRP** (3), or
  FINPLN 4380W Assessing the American Dream (3) **WI**
- MDFS 1600 Foundations of Family Studies (3), or
  HDFS 1610 Intimate Relationships and Marriage (3), or
  HDFS 2400W Principles of Human Development (4) **WI**
- NEP 1034 Introduction to Human Nutrition (3), or
  NEP 1340 Introduction to Exercises and Fitness (3), or
  NEP 2222 Landscape of Obesity (3), or
  NEP 2380 Diet Therapy for Health Prof (3)
- SOC WK 1115 Social Welfare and Social Work (3), or
  SOC WK 2000W Explor. in Social and Econ. Justice (3) **WI**, or
  SOC WK 4710 Social Justice and Social Policy (3)
- TAM 1300 Softgoods Retailing (3), or
  TAM 2200 Textiles (3), or
  TAM 2400 Global Consumer (3), or
  TAM 2500W Social Appearance in Time and Space (3) **WI**, or
  TAM 2520W History of Western Dress (3) **WI**, or
  TAM 3700 Multi-Channel Retailing (3)

**Communication: 3 hours**
Met with work in ARCHST studio courses.

* Courses must be completed with a grade of C- or higher.
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)
   ______ (1) 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 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 (25 hrs)
   ______ ARCHST 2220 Intro to CAD (3)
   ______ ARCHST 2310 Building Systems (3)
   ______ (1) ARCHST 2323 Sustainable Building Design (3)
   ______ ARCHST 4320 Materials & Methods (3)
   ______ ARCHST 4323 Sustainable Technologies MRP (3)
   ______ ARCHST 4333 Compliance & Specifi cations (3)
   ______ (1) MATH 1400 Calculus for Social and Life Sciences (3)
   ______ (1) PHYSCS 1210 College Physics (4)

5. History of Art, Arch. and Interiors: 9 hours
   ______ (1) 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
   ______ (1) ARCHST 1600W Fund. of Environmental Design Wi (3)
   ______ (1) ARCHST 2100 Understanding Architecture and the American City (3)
   ______ (1) ARCHST 2620 People, Places, & Design (3)
   ______ ARCHST 3600W Environmental Analysis Wi (3)

8. Electives

TOTAL 125 credits minimum

(1) These courses double count in General Education and the Degree Program.
## Architectural Studies Sample Schedule

**Accredited by Council for Interior Design Accreditation (formerly FIDER)**

**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

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

(1) GN HES 1100 is required.  
(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 and 3600 satisfy this requirement.  
(MRP) Students must complete College Algebra with a minimum grade of C- prior to taking a Math Reasoning Proficiency course.  
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 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.

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://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 post-graduate placements in arch.missouri.edu/alumni.html/

Architect - with MArch degree
Product designer
Designer – with firms offering services in design, development, construction
Specification writer
Residential designer
Installation supervisor
Manufacturer’s showroom designer
Contract administrator
CAD specialist
Marketing specialist
Building Information Modeling (BIM) specialist and management
Construction project manager
Design with digital media specialist
Museum and exhibit work
Professional renderer
Journalism
Model builder
Merchandising, retail and exhibit design
ADA and accessibility compliance consultant
Graphics and wayfinding
US Green Building Consultant – “LEED” certification specialist
Dealership customer service
Architectural photographer
Lighting specification
Building materials sales representative
Facility planner