Mizzou
University of Missouri

BS in Architectural Studies with Emphasis in Architectural Studies

Degree Program Description

The Architectural Studies emphasis is a four-year, professional baccalaureate program often referred to as a Pre-Architecture program. The architectural studies emphasis prepares students for success in entry-level jobs in the design and construction industry and for advanced study in architecture (Masters of Architecture, M.Arch.) or other design-related programs. See Opportunity for Employment (https://arch.missouri.edu/undergraduate/architectural-studies-degree/), Careers in Architectural Studies (https://arch.missouri.edu/current-students/careers-in-architectural-studies/), and Spotlight on Alumni (https://arch.missouri.edu/alumni-friends/). Students benefit from the enriched academic research environment and the emphasis on the thinking and making of physical environments that address the needs and aspirations of people. The program strives to blur the boundaries between architecture and interior design by stressing the experience of people in buildings. Alumni are admitted to many highly ranked graduate programs throughout the U.S. With coursework being part of a CIDA (https://www.accredit-id.org/) Accredited Interior Design Program, pre-architecture students may be eligible for the NCIDQ (https://www.cidq.org/) examination after graduation and experience in the field. For more information see Careers in Interior Design (https://arch.missouri.edu/current-students/careers-in-interior-design/) with links to professional organizations and regulations. See Architectural Studies web page for more highlights (https://arch.missouri.edu/about/) of program.

Major Program Requirements

Coursework

Students complete University of Missouri general education coursework that includes physics and calculus. Professional design coursework is in the following content areas: basic creative development, design planning and analysis, design communication, technical knowledge, history of art/architecture/interiors, business, and design theory.

Studio Description

It is the design studio setting where learning by doing is experienced and realized. The studio is a collaborative and cooperative learning environment emphasizing personal intellectual development as well as content learning. Course work includes studios and coursework centering on the synthesis of functional, technological, social, aesthetic and symbolic attributes architecture that support human needs and their aspirations. See Studio Description (http://arch.missouri.edu/academics_arch.html) on the department website for more information.

Application for the Professional Program

After completing two required classes of Drafting (ARCHST 1200) and Visual Design (ARCHST 1100) during the first year, students apply for admission to the studio sequence. Applications are made at the end of the spring semester of the first year granting permission to enroll in Studio I. The application form is available at the department's web site. (http://arch.missouri.edu/academics_ugadmit.html) Transfer Coursework is evaluated by faculty on a case by case basis. Please contact the Director of Undergraduate Studies for more information.

Degree Requirements

Basic Creative Development		**9**
ARCHST 1100	Visual Design	3
ARCHST 2315	Introduction to Building Systems Laboratory	1
ARCHST 2316	Advanced Building Systems Lab	2
ARCHST 3100	Color and Light	3
Design Planning and Analysis		**24**
ARCHST 2811	Studio I	4
ARCHST 3182	Studio II	4
ARCHST 4815	Construction Documents and Building Information Modeling Studio	4
ARCHST 4823	Architectural Studio III	4
ARCHST 4824	Architectural Studio IV	4
ARCHST 4990	Thesis Design Studio	4
Design Communication		**9**
ARCHST 1200	Architectural Drafting and Working Drawings	3
ARCHST 2230	Design Communication I	3
ARCHST 3230	Advanced Design Communication Using BIM	3
Technical Knowledge		**25**
ARCHST 2220	Introduction to CAD	3
ARCHST 2310	Building Systems	3
ARCHST 2323	Sustainable Building Design Fundamentals	3
ARCHST 4320	Materials, Methods and Products	3
ARCHST 4323	Sustainable Technologies and Systems	3
ARCHST 4333	Compliance and Specifications	3
MATH 1400	Calculus for Social and Life Sciences I	3
PHYSCS 1210	College Physics I	4
History of Art, Architecture and Interiors		**6**
ARCHST 4435	History of the Designed Environment to 1750	3
ARCHST 4440	Design Precedents: Architecture, Interiors and Furniture since the Industrial Revolution	3
Business		**3**
ARCHST 4710	Design Business Practices	3
Design Theory		**9**
ARCHST 1600W	Fundamentals of Environmental Design - Writing Intensive	3
ARCHST 2100	Understanding Architecture and the American City	3
ARCHST 3860W	Human Factors Programming - Writing Intensive	3

Semester Plan

Below is a sample plan of study, semester by semester. A student's actual plan may vary based on course choices where options are available.

First Year

Fall	CR	Spring	CR
ARCHST 1200	3	ARCHST 1100	3
ARCHST 2100	3	ARCHST 1600W	3
ENGLSH 1000	3	ARCHST 2323	3
American History or Government	3	MATH 1100	3
Electives	3	Electives	3
	15		**15**

Second Year

Fall	CR	Spring	CR
ARCHST 2220	3	ARCHST 2230	3
ARCHST 2310	3	ARCHST 3100	3
ARCHST 2811	4	ARCHST 3182	4
ARCHST 4435	3	ARCHST 4440	3
Electives	3	Electives	3
	16		**16**

Third Year

Fall	CR	Spring	CR
ARCHST 3230	3	ARCHST 3860W	3
ARCHST 4320	3	ARCHST 4323	3
ARCHST 4823	4	ARCHST 4333	3
MATH 1400	3	ARCHST 4824	4
ARCHST 2315	1	ARCHST 2316	2
	14		**15**

Fourth Year

Fall	CR	Spring	CR
ARCHST 4710	3	ARCHST 4815	4
ARCHST 4990	4	PHYSCS 1210	4
Electives	6	Electives	8
	13		**16**

Total Credits: 120

Grade requirements

The University requires the following courses to have a grade of C- or above: ENGLSH 1000, ARCHST 4323 Sustainable Technologies and Systems, ARCHST 1600W Fundamentals of Environmental Design - Writing Intensive and ARCHST 3860W Human Factors Programming - Writing Intensive, and ARCHST 4815 Construction Documents and Building Information Modeling Studio satisfying the capstone experience.