ARCHITECTURE (BARCH)

Contacts

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Campus: East Falls
Program Website (https://www.jefferson.edu/academics/colleges-schools-institutes/architecture-and-the-built-environment/programs/architecture.html)

Program Description

- **Accreditation**: NAAB
- **STEM** designated program

The Bachelor of Architecture is a five-year professional degree program accredited by the National Architectural Accrediting Board (NAAB). Students receive an industry-centered, liberal arts-infused education, blending academic scholarship with hands-on, professional learning. The program encourages interdisciplinary collaboration, and most of our faculty members are practicing industry professionals. As architectural practices evolve rapidly to meet new environmental, economic and societal challenges, our curriculum's unique focus on market-driven innovation and sustainability gives students a competitive advantage in the industry. The program builds on an interdisciplinary foundation of design and visualization studies and grows into more advanced courses that support design projects of increasing complexity and scope. In the fifth year, students choose from a range of research design studios that explore critical issues such as sustainable design, future smart cities, informal settlements and responsive architecture.

Learning Goals/Outcomes

- Integrate knowledge of liberal arts and sciences with the design of the built environment.
- Appreciate the value of collaboration, including multidisciplinary collaboration, in solving design problems.
- Synthesize theory, function, technology and aesthetics in an integrated and creative way.
- Understand and respect the people, places and contexts that bear upon the built environment around the world.
- Examine the characteristics of professionalism in architectural practice.
- Practice design as integrated process that respects existing contexts and/or inevitable transformations in the field.

Curriculum: 5 year, 164-166 credits

Course	Title	Credits
First Year		
FYS 100	Pathways Seminar	1
WRIT 101	Writing Sem I: Written Comm.	3
ARFD 103	Visualization 1	2
AMST 114		3
SCI 109 or SCI 110	Sys Thinking & Sustainability or Landscape Ecology	3
PHYC 101	General Physics	3
MATH 103	Applied Calculus	3
Select one of the following:		3-4
MATH 1XX	Quantitative Reasoning II	

Course	Title	Credits
General Elective		
ARFD 101	Design 1	4
ARCH 102		4
Visualization Designated Ele		3
	Credits	**32-33**
Second Year		
ARCH 213	Desgn 3: Arch Foundations Stud	4
ARDS 210	Tech 1: Materials and Methods	3
AHST 205	Built Environ: Global Origins	3
ARCH 214	Desgn 4:Arch Foundation Stdies	4
ARCH 212	Tech 2 Passive Sys/Bldg Env	3
AHST 206	Built Env in Age ofExploration	3
ARCH 303	Structures 1	3
ETHCS 2XX	Ethics	3
WRIT 201 or WRIT 202	Writing Seminar II:Multi Comm or Writing Seminar II: Multi Comm	3-4
	Credits	**29-30**
Third Year		
ARCH 311	Design 5 for Architecture	6
ARCH 313	Tech 3: Dynamic Envro. Systems	3
ARCH 304	Structures 2	3
AHST 305	Early Mod Arch&Int 3	3
ARCH 312	Design 6	6
ARCH 326	Visualization 2: Adv Modeling	3
AHST 306	Hist 4 Modn/Comtmp Arch & Int	3
ARCH 314	Tech 4:Adv. Buildn Analysis	3
ADIV 1XX	American Diversity	3
GCIT 2XX	Global Citizenship	3
General Electives		6
	Credits	**42**
Fourth Year		
Nexus DSN Exp. (DSN 7 Options)		6
ARCH 412	Design 8 for Architecture	6
ARCH 416	Tech 5: Documentatn & Detailn	3
ARCH 4XX	Design Theory Seminar	3
CGIS 300	Contemporary Global Issues	3
ISEM 3XX	Integrative Seminar	3
GDIV 1XX	Global Diversity (or language)	3
General Electives		6
	Credits	**33**
Fifth Year		
ARCH 507	Design 9 for Architecture	6
ARCH 503	Professional Management	3
ARCH 508	Design 10 for Architecture	6
PHIL 499	Philosophies of the Good Life	3
General Electives		12
	Credits	**30**
	Total Credits	**166-168**