

# ARCHITECTURAL STUDIES (BS)

## Contacts

**Program Director:** John Dwyer, AIA, NCARB

**Email:** John.Dwyer@jefferson.edu

215-291-2984

**Campus:** East Falls

Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/architecture-and-the-built-environment/programs/architectural-studies.html>)

## Program Description

The four-year Bachelor of Science in Architectural Studies (BS) program allows students to focus on a field allied to the profession of architecture, customize their education and earn a pre-professional degree. After completing a foundation sequence of studio and technical courses in the first two years, students will either:

- Choose to specialize in one of three tracks-Real Estate Development, Historic Preservation, or XR Game Environments- or
- Explore various architecture-related disciplines from a broad array of available minors (selecting two).

Students may also choose to apply to the Bachelor of Architecture program at the end of the third semester.

Students will not only gain valuable skills and real-world experiences, but will also pave the way for a professional credential in one of our master's programs by taking graduate courses while still an undergraduate. Opportunities exist for collaborative projects, fieldwork, study abroad, professional internships and elective offerings.

## Learning Goals/Outcomes

- Demonstrate expertise & professional level competency in technical & graphic methods
- Experience collaboration solving problems relative to contemporary issues relative to the built environment.
- Apply knowledge of the history & theory of historic and modern periods, styles, and places in the context of architectural fields
- Demonstrate knowledge of sustainability in the context of a range of architecture related fields
- Demonstrate and apply discipline specific knowledge of content areas that are studied as part of student selected tracks or minors
- Choose a track or two minors that allow students to gain professional credentials through the accelerated dual degree options offered by the College of Architecture & the Built Environment

## Curriculum: 4 years, 125-128 credits

| Course            | Title                        | Credits |
|-------------------|------------------------------|---------|
| <b>First Year</b> |                              |         |
| FYS 100           | Pathways Seminar             | 1       |
| WRIT 101          | Writing Sem I: Written Comm. | 3       |
| AMST 114          |                              | 3       |

| Course                                   | Title  | Credits        |
|--|--|----------------|
| SCI 109<br>or SCI 110                    | Sys Thinking & Sustainability<br>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  |                |
| General Elective                         |  |                |
| ARFD 101                                 | Design 1   | 4              |
| ARFD 103                                 | Visualization 1  | 2              |
| ARCH 102                                 |  | 4              |
| ARFD 108                                 |  | 3              |
| <b>Credits</b>                           |  | <b>32-33</b>   |
| <b>Second Year</b>                       |  |                |
| ARCH 313                                 | Tech 3: Dynamic Envro. Systems                                     | 3              |
| ARDS 208                                 | Visual 3:Digital Mod for Arch                                      | 3              |
| General Elective (Design 4: recommended) |  | 3-4            |
| ARDS 210                                 | Tech 1: Materials and Methods                                      | 3              |
| ARCH 212                                 | Tech 2 Passive Sys/Bldg Env  | 3              |
| AHST 206                                 | Built Env in Age of Exploration                                    | 3              |
| ARCH 303                                 | Structures 1   | 3              |
| ETHC 1XX                                 | Ethics   | 3              |
| WRIT 201<br>or WRIT 202                  | Writing Seminar II:Multi Comm<br>or Writing Seminar II: Multi Comm | 3-4            |
| <b>Credits</b>                           |  | <b>27-29</b>   |
| <b>Third Year</b>                        |  |                |
| Minor 1                                  | Course for Minor 1/or Track  | 3              |
| Minor 1                                  | Course for Minor 1/or Track  | 3              |
| AHST 305                                 | Early Mod Arch&Int 3   | 3              |
| Minor 2                                  | Course for Minor 2/ or Track                                       | 3              |
| Minor 2                                  | Course for Minor 2/ or Track                                       | 3              |
| AHST 306                                 | Hist 4 Modn/Comtmp Arch & Int                                      | 3              |
| ADIV 1XX                                 | American Diversity   | 3              |
| Select one of the following:             |  | 3              |
| GCIT 2XX                                 | Global Citizenship   |                |
| Global Language                          |  |                |
| CGIS 300                                 | Contemporary Global Issues   | 3              |
| General Electives                        |  | 6              |
| <b>Credits</b>                           |  | <b>33</b>      |
| <b>Fourth Year</b>                       |  |                |
| Minor 1                                  | Course for Minor 1/or Track  | 3              |
| Minor 1                                  | Course for Minor 1/or Track  | 3              |
| Minor 2                                  | Course for Minor 2/ or Track                                       | 3              |
| Minor 2                                  | Course for Minor 2/or Track  | 3              |
| ARST 4XX                                 | Architectural Studies Capstone                                     | 3              |
| ISEM 3XX                                 | Integrative Seminar  | 3              |
| Select one of the following:             |  | 3              |
| GDIV 2XX                                 | Global Diversity   |                |
| Global Language                          |  |                |
| PHIL 499                                 | Philosophies of the Good Life                                      | 3              |
| General Electives                        |  | 6              |
| <b>Credits</b>                           |  | <b>30</b>      |
| <b>Total Credits</b>                     |  | <b>122-125</b> |