

# B.S. in Architecture

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(120 credits minimum)

## First Year

1st Semester		Credits
ARCH 161	Intro Design and Digital Media	6
HUM 101	English Composition: Writing, Speaking, Thinking I	3
MATH 113	Finite Mathematics and Calculus I	3
FRSH SEM	First-Year Seminar	0
Term Credits		12

## 2nd Semester

ARCH 156	Tools and Techniques	3
ARCH 164	Introduction to Design II	5
HUM 102	English Composition: Writing, Speaking, Thinking II	3
MATH 105	Elementary Probability and Statistics	3
Term Credits		14

## Second Year

### 1st Semester

ARCH 223	Construction I	3
ARCH 251	History of Architecture I	3
ARCH 263	Architecture Studio I	5
PHYS 102	General Physics	3
PHYS 102A	General Physics Lab	1
Term Credits		15

### 2nd Semester

ARCH 227	Environmental Control Systems I	3
ARCH 229	Structures I	3
ARCH 252	History of Architecture II	3
ARCH 264	Architecture Studio II	5
PHYS 103	General Physics	3
PHYS 103A	General Physics Lab	1
Term Credits		18

## Third Year

### 1st Semester

ARCH 381	History of Architecture III	3
CS 104	Computer Programming and Graphics Problems	3
Design Elective		3
Design Elective		3
History and Humanities GER 200 level ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-200-level/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-200-level/</a> )		3
Term Credits		15

### 2nd Semester

Social Science GER ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/social-science-ger/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/social-science-ger/</a> )		3
History and Humanities GER 300+ level ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/</a> )		3
ARCH 361	Project Based Seminar I	3
ARCH 382	History of Architecture IV	3
Design Elective		3
Term Credits		15

**Fourth Year****1st Semester**

Design Elective	3
Design Elective	3
Free Elective	3
Free Elective	3
History and Humanities GER 300+ level ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/</a> )	3
Term Credits	15

**2nd Semester**

ARCH 461 Project Based Seminar II	3
Humanities and Social Science Senior Seminar GER ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/</a> )	3
Design Elective	3
Free Elective	3
Free Elective	3
Free Elective	1
Term Credits	16
Total Credits	120

See the **General Education Requirements** "Refer to the General Education Requirements for specific information for GER courses"

Graduation is contingent upon the maintenance of a 2.0 average and the successful completion of the minimum credit requirement of prescribed courses within the select curriculum: Bachelor of Science in Architecture (B.S. Arch) requires 120 credits.