

B.S. in Architecture and M.U.D.

B.S. in Architecture Requirements

(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 II: Introduction to Architecture Making	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 (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-200-level/)		3
Term Credits		15

2nd Semester

Social Sciences GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/social-science-ger/)		3
History and Humanities GER 300+ level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/)		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 (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/)	3
Term Credits	15

2nd Semester

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

M.U.D. Requirements**Required Courses**

The following courses are required, subject to those waived in individual cases; however, no waivers will be given for studio courses. A typical full-time study plan over two semesters is shown below.

First Year**1st Semester**

	Credits
ARCH 601 Urban Design Studio	6
ARCH 636 History and Theory of Urban Planning and Design	3
ARCH 677 Geographic Information Systems	3
Urban Design Elective	3
Term Credits	15

2nd Semester

ARCH 602 Urban Design Studio	6
ARCH 684 Topics of Sustainable Urbanism	3
ARCH 651 Public and Private Development	3
Urban Design Elective	3
Term Credits	15
Total Credits	30

¹ Or substitute selected with the approval of Graduate Advisor.