

B.S. in Architecture and M.B.A. in Management of Technology

B.S. in Architecture Requirements

First Year

1st Semester		Credits
ARCH 195	Architecture Studio I	4
ARCH 110	Tools and Techniques I: Introduction to Architecture Thinking	3
ENGL 101	English Composition: Introduction to Academic Writing	3
CS 104	Computer Programming and Graphics Problems	3
MATH 107	University Mathematics A	3
FYS SEM	First-Year Student Seminar	0
Term Credits		16

2nd Semester

ARCH 196	Architecture Studio II	4
ARCH 156	Tools and Techniques II: Introduction to Architecture Making	3
ENGL 102	English Composition: Introduction to Writing for Research	3
MATH 105	Elementary Probability and Statistics	3
Social Sciences GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/social-science-ger/)		3
Term Credits		16

Second Year

1st Semester

ARCH 295	Architecture Studio III	4
ARCH 210	History of Architecture I	3
ARCH 223	Construction I	3
PHYS 102	General Physics I	3
PHYS 102A	General Physics I Lab	1
Term Credits		14

2nd Semester

ARCH 296	Architecture Studio IV	4
ARCH 211	History of Architecture II	3
ARCH 224	Construction II	3
Natural Science GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/natural-science-ger/)		3
History and Humanities GER 200 level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-200-level/)		3
Term Credits		16

Third Year

1st Semester

ARCH 395	Architecture Studio V	4
ARCH Elective		3
ARCH 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		16

2nd Semester

ARCH Elective (Technology)		3
ARCH Elective		3

ARCH 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
Fourth Year	
1st Semester	
ARCH Elective (Technology)	3
ARCH Elective (History/Theory)	3
ARCH 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 Elective (History/Theory)	3
ARCH Elective	3
ARCH Elective	3
ARCH Elective	3
Term Credits	12
Total Credits	120

See the **General Education Requirements** for more information on electives.

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.

M.B.A. in Management of Technology Requirements

Code	Title	Credits
Architectural Management Requirements		
ARCH 650	Economy Of Building ¹	3
ARCH 651	Public and Private Development ¹	3
ARCH 652	Architectural Project Management ¹	3
Technology Module - Core Courses		
FIN 516	Principles of Financial Management	3
MGMT 620	Strategic Management of Technological Innovation	3
MGMT 625	Distribution Logistics	3
MGMT 630	Decision Analysis with Quantitative Modeling	3
MGMT 635	Data Mining and Analysis	3
or MATH 661	Applied Statistics	
MIS 620	E-Commerce Technologies	3
MIS 645	Information Technology and Competitive Advantage	3
Essential Business Processes - Core Courses		
ACCT 615	Management Accounting	3
FIN 600	Corporate Finance I	3
FIN 618	Public and Private Financing of Urban Areas	3
HRM 601	Managing Organizational Behavior in Technology-Based Organizations	3
MRKT 620	Global Marketing Management	3
MGMT 680	Entrepreneurial Strategy	3
or MGMT 692	Strategic Management	
Total Credits		48

¹ The 3 credits for this course may be used toward the 6 total credits allowed toward the B.S. and the M.B.A.