

# Architectural Studies and Business Administration, BS (Boston)

The combined major in architectural studies and business administration focuses on advancing environmentally, socially, and economically sustainable urban development and innovating governance, finance, and business practices associated with the built environment: architecture, urban planning, real estate and resource development, management, and construction. Students build knowledge and skills associated with the analysis, design, construction, historical context, and technologies of the built environment. Simultaneously, students advance their knowledge in the theory and practice of management, economics, accounting, and quantitative methods. The curriculum offers study of economic and financial systems and how those systems operate. Through integrative courses, co-op opportunities, experiential learning, and capstone projects, students specifically study real estate, urban development, regulations of the built environment, and the innovation of new business models in historical and contemporary contexts.

This combined major is organized to position students toward careers in public agencies, private business, institutions, and nonprofit sectors. The program capitalizes on relationships with a vast range of affiliates in such sectors across the global network of Northeastern University.

## Program Requirements

### Foundational Coursework

Code	Title	Hours
ARCH 1000 or BUSN 1102	Architecture at Northeastern Personal Skill Development for Business	1
EEAM 2000 or BUSN 1103	Professional Development for Co-op Professional Development for Business Co-op	1

### Architectural Studies Courses

Code	Title	Hours
<b>Required Courses</b>		
ARCH 1110	Fundamental Architectural Representation	4
ARCH 1120	Fundamental Architectural Design	6
ARCH 1310 and ARCH 1311	Buildings and Cities, A Global History and Recitation for ARCH 1310	4
ARCH 2130	Site, Space, Program	6
ARCH 2140	Urban Housing	6
ARCH 5530	Innovative Models in Real Estate Development and Design	4
LARC 2330	Cities, Landscape, and Modern Culture	4
<b>Electives</b>		<b>8-12</b>
Note: Students who plan to apply for admission to the two-year Master of Architecture degree program should choose the following electives, in addition to completing calculus and physics: ARCH 2240, ARCH 3170, and ARCH 5230.		
ARCH 1450	Understanding Design	
ARCH 1453	Designing the American City: Civic Aspirations and Urban Form	
ARCH 2240	Architectonic Systems	
ARCH 2260	Introduction to Building Systems	
ARCH 2340	Modern Architecture	
ARCH 3170	Architecture, Infrastructure, and the City	
ARCH 5230 and ARCH 5231	Structural Systems and Recitation for ARCH 5230	
ARCH 5530	Innovative Models in Real Estate Development and Design	
LARC 2130	Sustainable Urban Site Design	
LARC 2230	Introduction to Sustainable Site Planning and Design	
LARC 2340	Cities, Landscape, and Contemporary Culture	
LARC 2430	Plants, People, and Landscape Change	
LARC 2440	Planting Design	

### Business Administration Courses

Code	Title	Hours
<b>Required Courses</b>		
ACCT 1201	Financial Accounting and Reporting	4

ECON 1116	Principles of Microeconomics	4
or ECON 1115	Principles of Macroeconomics	
MATH 1231	Calculus for Business and Economics (MATH1231 is highly recommended for students in this combined major)	4
or MATH 1241	Calculus 1	
or MATH 1245	Calculus with Applications	
or MATH 1251	Calculus and Differential Equations for Biology 1	
or MATH 1340	Intensive Calculus for Engineers	
or MATH 1341	Calculus 1 for Science and Engineering	
Complete one of the following (MGSC 2301 is highly recommended for this combined major):		4
MATH 2280	Statistics and Software	
MATH 3081	Probability and Statistics	
MGSC 2301	Business Statistics	

### Electives

Complete 16 semester hours from the following:		16
ACCT 2301	Profit Analysis for Managers and Advisors	
FINA 2201	Financial Management	
INNO 2301	Innovation!	
INTB 1203	International Business and Global Social Responsibility	
MISM 2301	Introduction to Information Systems and Digital Technologies	
MKTG 2201	Introduction to Marketing	
ORGB 3201	Organizational Behavior	
or ORGB 3203	Behavioral Aspects of Digital Transformation	
SCHM 2301	Supply Chain and Operations Management	

### Concentrations

Complete one of the following business concentrations:

- Accounting (<https://catalog.northeastern.edu/undergraduate/business/concentrations/accounting/>)
- Accounting and Advisory Services (<https://catalog.northeastern.edu/undergraduate/business/concentrations/accounting-advisory-services/>)
- Brand Management (<https://catalog.northeastern.edu/undergraduate/business/concentrations/brand-management/>)
- Business Analytics (<https://catalog.northeastern.edu/undergraduate/business/concentrations/business-analytics/>)
- Corporate Innovation (<https://catalog.northeastern.edu/undergraduate/business/concentrations/corporate-innovation/>)
- Entrepreneurial Startup (<https://catalog.northeastern.edu/undergraduate/business/concentrations/entrepreneurial-startups/>)s
- Finance (<https://catalog.northeastern.edu/undergraduate/business/concentrations/finance/>)
- Fintech (<https://catalog.northeastern.edu/undergraduate/business/concentrations/fintech/>)
- Healthcare Management and Consulting (<https://catalog.northeastern.edu/undergraduate/business/concentrations/healthcare-management-consulting/>)
- International Business (<https://catalog.northeastern.edu/undergraduate/business/concentrations/international-business/>) (available only as a second concentration)
- Management (<https://catalog.northeastern.edu/undergraduate/business/concentrations/management/>)
- Management Information Systems (<https://catalog.northeastern.edu/undergraduate/business/concentrations/management-information-systems/>)
- Marketing (<https://catalog.northeastern.edu/undergraduate/business/concentrations/marketing/>)
- Marketing Analytics (<https://catalog.northeastern.edu/undergraduate/business/concentrations/marketing-analytics/>)
- Social Innovation and Entrepreneurship (<https://catalog.northeastern.edu/undergraduate/business/concentrations/social-innovation-entrepreneurship/>)
- Supply Chain Management (<https://catalog.northeastern.edu/undergraduate/business/concentrations/supply-chain-management/>)

### Capstone Requirement

Code	Title	Hours
ARCH 4960	Architectural Studies Capstone	4
or STRT 4501	Strategy in Action	

**Integrative Coursework**

Code	Title	Hours
ARCH 5314	Planning and the Built Environment	4

**Experiential Requirements**

Code	Title	Hours
COOP 3945	Co-op Work Experience	0
or BUSN 4945	In-the-Field Experiential Professional Practicum	
or COOP 3946	Co-op Work Experience–Half Time	
or COOP 3947	Co-op Work Experience Abroad–Half Time	
or COOP 3948	Co-op Work Experience Abroad	
or EEBA 2945	Internship Experience	
or EEBA 2948	Internship Experience Abroad	

**Combined Major GPA Requirement**

Minimum 2.500 GPA required

**Business GPA Requirement**

Minimum 2.000 GPA required in all business courses

**Program Requirement**

128 total semester hours required

**Plan of Study****Sample Plan of Study****FOUR YEARS, TWO CO-OPS IN SUMMER SECOND HALF/FALL****Year 1**

Fall	Hours	Spring	Hours	Summer 1	Hours
ARCH 1000 or BUSN 1102		1 ARCH 2130		6 ARCH 1310 and ARCH 1311	4
ARCH 1110	4	ECON 1115 or 1116	4	MATH 1231	4
ARCH 1120	6	MGSC 2301	4		
ACCT 1201	4	Business elective 1	4		
ENGW 1111	4				
	<b>19</b>		<b>18</b>		<b>8</b>

**Year 2**

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
ARCH 2140		6 Architectural studies elective 1		4-6 Business concentration 3		4 COOP 3945	0
LARC 2330	4	ARCH 5530	4	Business elective 4	4		
Business concentration 1	4	Business concentration 2	4				
Business elective 2	4	Business elective 3	4				
		EEAM 2000 or BUSN 1103	1				
	<b>18</b>		<b>17-19</b>		<b>8</b>		<b>0</b>

**Year 3**

Fall	Hours	Spring	Hours	Summer 1	Hours	Summer 2	Hours
COOP 3945	0	ENGW 3314 or 3304	4	General elective 2	4	COOP 3945	0
		Architectural studies elective 2	4-6	General elective 3	4		
		Business concentration 4	4				
		General elective 1	4				
	<b>0</b>		<b>16-18</b>		<b>8</b>		<b>0</b>

**Year 4**

Fall	Hours	Spring	Hours
COOP 3945	0	ARCH 4960 or STRT 4501	4

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ARCH 5314	4
General elective 4	4
Architectural studies elective 3	4
0	16

Total Hours: 128-132