

Financial Technology and Analytics Major (Fall 2024 & Later)

Minimum 120 credits required for Bachelor's degree

Foundational Core (27-29 Credits)

Grade

FYWS-125 ¹	First Year Seminar	
MA	Foundational Core Math course	
Choose 1 course from each area *		
² Natural/Physical Science		
Literature		
History	HI-100, HI-102 or HI-110	
Arts/Design/Comm.		
Philosophy		
Theology/Relig		
Social/Behavioral Science		

Human Journey Seminars: Great Books in CIT (6 Credits)

CIT 201	CIT Seminar I	
CIT 202	CIT Seminar II	

Liberal Arts Explorations (LAE) (12 Credits Total)

Student must complete 4 courses from at least 2 different subjects and one course in each area. (see list on Registrar's Website - checksheets)

Humanistic Inquiry (3 credits)		
Social and Global Awareness (3 credits)		
Scientific Literacy (3 credits)		
LAE in any area (3 credits)		

* See list of courses.

¹(Requires Grade C or higher)

²Science/Natural Science courses includes approved Math and Computer Science courses. Students are required to take at least one course in Biology, Chemistry, or Physics in the Foundational or Liberal Arts Exploration Core. CS and MA courses may be used as a Science/Natural Science in either the Foundational Core or as a requirement in the LAE Core but not in both categories.

Note: MA 006 and ESL courses **will not** count towards the 120 credit graduation requirement.

Approved Study Abroad courses may be used to satisfy requirements for the foundational core or a Liberal Arts Exploration

A maximum of 8 Applied Music credits may be applied towards graduation

³ Students must contact the major internship coordinator

⁴ Some supporting courses count in the university core

Required Curriculum for Degree in Major

Business Core¹ (24 credits)

Grade

MGT 101	Organization Management	
AC 221	Financial Accounting & Reporting	
AC 222	Managerial Accounting & Control	
FN 215	Financial Management	
MK 201	Principles of Marketing	
MGT 231	Legal and Ethical Responsibility in Business	
MGT 401	Strategic Management	
Choose One of the Following		
MGT 375	Operations & Sustainable Supply Chain Mgmt	
OR		
BUAN 210	Introduction to Data Based Decision-Making	

Required Internship (3 credits)

Grade

BU 296	Career Development & Readiness (0 Credits)	
BUAN 390	Analytics Internship ³	

Courses in Financial Technology & Analytics Major¹ (22 credits)

BUAN 220	Intro to Business Analytics	
BUAN 301	Intro to Python for Data Analytics	
BUAN 302	Intro to Database Management	
BUAN 303	Data Visualization	
BUAN 402	Financial Modeling in Python	
FN 375	Fintech	
CY 221	Foundations of Cybersecurity	
BUAN 320	Expert Excel Certification (1 credit)	

Required Supporting Courses^{1,4}

Grade

MA106, or MA109, or MA110		
MA 131	Elementary Statistics (or equivalent)	
EC 202	Principles of Microeconomics	
EC 203	Principles of Macroeconomics	
FN 315	Investments	
FN 351	Corporate Finance (4 credits)	

General Electives (number of credits vary)

Grade

Checksheet Key

T	Course transferred and Requirement satisfied
W	Requirement waived
TW	Course transferred and Requirement waived

SUGGESTED FOUR YEAR SEQUENCE OF STUDY

YEAR 1 - SEMESTER 1
First Year Seminar (FYWS 125)
Organization Management (MGT 101) or Foundational Core
Foundational Math (MA 106, MA 109, MA 110, MA 141, or MA 151)
Foundational Core
Foundational Core

Students interested in the Business Economics Major are encouraged to declare their major in their Freshman Year.

YEAR 2 - SEMESTER 1
CIT Seminar I (CIT 201)
WCBT 200 level course (EC202 OR MK201 OR EC203)
Managerial Accounting & Control (AC 222)
Financial Management (FN 215)
BUAN 220
BUAN 320 (1 credit)

Career Development & Readiness (BU-296) must be taken in the Sophomore Year in one of the four AHEAD sessions. It is a required 0 credit course.

YEAR 3 - SEMESTER 1
Liberal Arts Exploration
FN 351/FN 315
BUAN 301/302/303
BUAN 301/302/303
Elective

Students must contact the Major Internship Coordinator by the end of their Junior Year in order to receive credit.

YEAR 4 - SEMESTER 1
Strategic Management (MGT 401) or Foundational Core
CY 221 OR FN375
Elective
Elective
Elective

YEAR 1 - SEMESTER 2
Elementary Statistics (MA 131)
Organization Management (MGT 101) or Foundational Core
BUAN 210
AC 221
WCBT 200 level course (EC202 OR MK201)

YEAR 2 - SEMESTER 2
CIT Seminar II (CIT 202)
WCBT 200 level course (MK201 OR EC203)
MGT 231
BUAN 301/302/303
FN 351/FN 315
BU 296 (0 credits)

YEAR 3 - SEMESTER 2
Liberal Arts Exploration
CY 221 OR FN375
BUAN 402
Elective
Foundational Core

YEAR 4 - SEMESTER 2
Strategic Management (MGT 401) or Foundational Core
Elective
Elective
Elective
Foundational Core