ACCELERATED DUAL-DEGREE BS IN ECONOMICS/MS IN APPLIED AI AND BUSINESS ANALYTICS (3+1)

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The Accelerated Dual-Degree BS in Economics/Master of Science in Applied AI and Business Analytics (3+1) program offers highly motivated students an opportunity to earn both degrees in just 4 years. Both degrees are completed in full without compromise. Students continue to have the ability to study abroad or engage in a program such as QU in DC.

This program offers advantages to students who have a passion for economics and ambitions for a career that combines economics and business analytics. The study of economics develops your critical thinking and analytical skills. Students who want their resume to stand out from the pack, while developing the above skills and earning a respected degree in business, might consider this 3+1 program as a differentiator.

Additionally, this program offers advantages to students who wish to pursue careers such as data analysts, business intelligence analysts, program and marketing managers, and big data analytics specialists among other career paths. The program uniquely qualifies these graduates by pairing their passion for economics with the MS in Applied AI and Business Analytics. Economics students substantially increase their employability and earning power upon graduation without compromising the personal, interpersonal and intellectual growth that a liberal arts education offers.

Accelerated Dual-Degree BS/MS (3+1) Program of Study

Course	Title	Credits
First Year		
Fall Semester		
EC 111	Principles of Microeconomics	3
EN 101	Introduction to Academic Reading and Writing (UC First Year Writing)	3
FYS 101	First-Year Seminar (UC Foundations Inquiry)	3
MA 170	Probability and Data Analysis (UC Math)	3
Foreign Language 101		3
Free Elective		3
	Credits	**18**
Spring Semester		
EC 112	Principles of Macroeconomics	3
EC 272	Advanced Applied Statistics	3
EN 102	Academic Writing and Research (UC First Year Writing)	3
Foreign Language 102		3
Fine Arts Elective		3
Free Elective		3
	Credits	**18**
Summer Semester		
Humanities Elective		3
Fine Art (AR) or Science Course (SC) no lab		3
	Credits	**6**
Second Year		
Fall Semester		
EC Electives		6
Natural Science with Lab		4
EC 211	Intermediate Microeconomics	3
Humanities Elective		3
Free Elective		2
	Credits	**18**
Spring Semester		
EC 212	Intermediate Macroeconomics	3
EC 365	Econometrics	3
Personal Inquiry course		3
EC Elective		3
Free Electives		6
	Credits	**18**
Summer Semester		
Free Electives		6
	Credits	**6**
Third Year		
Fall Semester		
EC 450	Senior Seminar	3
CAS 420	CAS Integrative Capstone	3
EC Elective		3
Free Electives		9
	Credits	**18**
Spring Semester		
Free Electives		15
BAN 610	Statistical Foundations for Applied AI And Business Analytics	3
	Credits	**18**
Fourth Year		
Fall Semester		
BAN 628	Data Mining for Competitive Advantage	3
BAN 668	Python Programming for Data Analysis	3
Three BAN Electives		9
	Credits	**15**
Spring Semester		
BAN 615	Predictive Business Analytics	3
BAN 629	Text Analytics	3
BAN 674	Generative AI Applications in Business	3
Two BAN Electives		6
	Credits	**15**
	Total Credits	**150**

Student Learning Outcomes

Upon completion of the undergraduate program, students will demonstrate the following competencies:

1. **Knowledge of Economics:** Students demonstrate and can apply the core theories of economics.
2. **Quantitative Reasoning:** Students develop the ability to represent mathematical information symbolically, visually, numerically and verbally, and to interpret mathematical models such as graphs, tables and schematics to draw inferences. They also develop an ability to use arithmetical, algebraic, geometric and statistical methods to solve social and business problems.
3. **Critical Thinking:** Students develop the ability to recognize problems and to acquire, assess and synthesize information to analyze social and business problems.

Upon completion of the MS in Applied AI and Business Analytics program, students will demonstrate the following competencies:

1. **Data Analysis**: Evaluate different techniques used to analyze data.
2. **Data Management**: Explain how data is stored, accessed and retrieved.
3. **Analytical Reasoning**: Apply business analytics techniques and utilize analytical tools for organizational decision-making.
4. **Critical Thinking**: Demonstrate skills in interpreting and presenting analytical results.

Admission Requirements: College of Arts & Sciences

The requirements for admission into the undergraduate College of Arts & Sciences programs are the same as those for admission to Quinnipiac University.

Admission Requirements: Accelerated Dual-Degree BS/MS (3+1)

The accelerated dual-degree (3+) program is designed for outstanding students. First-year applicants will be considered for an accelerated dual-degree program based on demonstrated academic achievement to complete the bachelor's degree at an accelerated pace.

While scores are not required, if a student wants to submit, they should have at least a 1200 SAT or 25 ACT to be considered

For detailed admission requirements, including required documents, please visit the Admissions page (http://catalog.qu.edu/general-information/admissions/) of this catalog. You can also learn more about accelerated dual-degrees (https://www.qu.edu/academics/about-our-programs/accelerated-dual-degree/) on qu.edu