

B.S. in Financial Technology

(120 credit minimum)

First Year

1st Semester		Credits
ACCT 115	Fundamentals of Financial Accounting	3
CS 100	Roadmap to Computing	3
ENGL 101	English Composition: Introduction to Academic Writing	3
MATH 135	Calculus for Business	3
MGMT 190	Introduction to Business	3
FYS SEM	First-Year Student Seminar	0
Term Credits		15

2nd Semester

MGMT 116	Quantitative Analysis Appl Bus	4
ECON 266	Macroeconomics	3
MGMT 290	Business Law I	3
CS 113	Introduction to Computer Science I	3
ENGL 102	English Composition: Introduction to Writing for Research	3
Term Credits		16

Second Year

1st Semester

MIS 245	Introduction to Management Information Systems	3
ECON 265	Microeconomics	3
MGMT 216	Business Data Analytics	3
History and Humanities GER 200 level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-200-level/)		3
Natural Science GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/natural-science-ger/)		3
Term Credits		15

2nd Semester

FIN 315	Fundamentals of Corporate Finance	3
MRKT 330	Principles of Marketing	3
OM 375	Business Operations Management and Analytics	3
CS 114	Introduction to Computer Science II	3
Natural Science GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/natural-science-ger/)		4
Term Credits		16

Third Year

1st Semester

FIN 218	Financial Markets and Institutions	3
HRM 301	Organizational Behavior	3
FIN 310	Data-Driven Financial Modeling	3
ENTR 320	Financing New Venture	3
MGMT 399	Career Planning	1
Free Elective		3
Term Credits		16

2nd Semester

MIS 385	Database Systems for Managers	3
FIN 320	Fin Data Analytics	3
FIN 306	Blockchain Technology for Business	3
SDET 373	Web App Development for Mobile	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	
FIN 430 Options and Futures Markets	3
FIN 417 Investments Management	3
FIN 410 Data Mining & Machine Learning	3
History and Humanities GER 300+ level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/)	3
Free Elective	3
Term Credits	15
2nd Semester	
MGMT 480 Managing Technology and Innovation	3
MGMT 416 Artificial Intelligence for Business Decisions	3
Humanities and Social Science Senior Seminar GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/)	3
Free Elective	3
Term Credits	12
Total Credits	120