



Bachelor of Science in Quantitative Finance Freshmen Entering 2022

Stevens Institute of Technology
 Castle Point on Hudson
 Hoboken, NJ 07030-5991
Office of the Registrar
 201.216.5210
 FAX 201.216.8030

Study Plan / Program Completion (check one)

Name: _____ ID: _____ - _____ - _____ Class: _____ E-mail: _____

Concentration: _____

Instructions Please print or type: The primary purpose of this form is to lay out the courses required to complete your degree program and when you expect to take each of them. You may then use it to track your own progress to the degree. You should revise it as needed. Please indicate the term when you expect to take each course (e.g., 21F, 22S, etc.). Roman numerals indicate the standard curriculum time schedule. If a choice of courses is given for a requirement, circle the appropriate course number. For electives, fill in the course number. Any courses taken elsewhere should be marked **TR**. An additional study plan will be required if you wish to receive a minor or a second degree.

Term	Course	Credits	Grade	Term	Course	Credits	Grade
<u>TERM I</u>				<u>TERM III</u>			
I	_____ CAL 103 - Writing & Communications Colloquium ⁽¹⁾	3.0	_____	III	_____ MA 221 - Differential Equations	4.0	_____
I	_____ MA 121 - Differential Calculus	2.0	_____	III	_____ QF 212 - Adv. Prob. & Stochastic Processes for QF	3.0	_____
I	_____ MA 122 – Integral Calculus	2.0	_____	III	_____ CS 135 or MA134 - Discrete Structures/Mathematics	4.0	_____
I	_____ QF 106 - Fundamentals of Probability for QF	3.0	_____	III	_____ ACC 200 – Principles of Financial Accounting	3.0	_____
I	_____ MIS 110 - Creative Problem Solving in Computing	3.0	_____	III	_____ QF 200 - Financial Econometrics	3.0	_____
I	_____ QF 101 - Intro to Quantitative Finance I	3.0	_____				
I	_____ QF 104 – Data Management in R	1.0	_____				
<u>TERM II</u>				<u>TERM IV</u>			
II	_____ CAL 105 - Knowledge, Nature, Culture ⁽¹⁾	3.0	_____	IV	_____ MA 225 – Infinite Series	2.0	_____
II	_____ MA 125 – Vectors and Matrices	2.0	_____	IV	_____ MA 231 – Non-Linear Optimization	2.0	_____
II	_____ MA 126 – Multivariable Calculus I	2.0	_____	IV	_____ CS 284 - Data Structures	4.0	_____
II	_____ QF 112 - Statistics for QF	3.0	_____	IV	_____ ECON 242 – Intro to Economics	3.0	_____
II	_____ CS 115 - Intro to Computer Science	4.0	_____	IV	_____ BT 321 - Corporate Finance	3.0	_____
II	_____ QF 102 - Intro to Quantitative Finance II	3.0	_____	IV	_____ QF 202 - Financial Time Series	3.0	_____
II	_____ QF 103 - Intro to Financial Tools & Technology	1.0	_____				
II	_____ BT 290 - Business Career Seminar	0.0	_____				

Date: _____
 Rev-July 2022

Original Revision

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Term	Course	Credits	Grade
<u>TERM V</u>			
V	MGT 300 – Business Communications	3.0	_____
V	CS 385 - Algorithms	4.0	_____
V	FIN510/ACC510 - Financial Statement Analysis	3.0	_____
V	QF 435 - Risk Management for Capital Markets	3.0	_____
V	QF Concentration ⁽³⁾ _____	3.0	_____
V	QF 301 - Advanced Time Series Analytics & Machine Learning	3.0	_____

<u>TERM VI</u>			
VI	Humanities 100-200 Level ⁽¹⁾ _____	3.0	_____
VI	Science Requirement ⁽²⁾ _____	3.0	_____
VI	QF 343 - Intro. To Stochastic Calculus for QF	3.0	_____
VI	QF Elective ⁽⁴⁾ _____	3.0	_____
VI	QF Concentration ⁽³⁾ _____	3.0	_____
VI	QF 302 - Fin. Market Microstructure and Trading	3.0	_____

Term	Course	Credits	Grade
<u>TERM VII</u>			
VII	QF 430 - Intro to Derivatives	3.0	_____
VII	QF Elective ⁽⁴⁾ _____	3.0	_____
VII	QF Concentration ⁽³⁾ _____	3.0	_____
VII	MGT 411 - Senior Design I	3.0	_____
VII	General Elective _____	3.0	_____

<u>TERM VIII</u>			
VIII	Humanities 300-400 Level ⁽¹⁾ _____	3.0	_____
VIII	QF Elective ⁽⁴⁾ _____	3.0	_____
VIII	QF Concentration ⁽³⁾ _____	3.0	_____
VIII	MGT 412 - Senior Design II	3.0	_____
VIII	General Elective _____	3.0	_____

<u>ADDITIONAL COURSES⁽⁵⁾</u>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

- NOTES:
1. Students are required to take two additional Hum. courses other than CAL 103 and CAL 105. One must be at 100/200 level and one must be at 300/400 level. Two different disciplines are required.
 2. Choose from a list of approved science courses.
 3. Students can choose one of six QF concentrations. Please see your advisor before choosing your concentration.
 4. Students can choose from a list of approved QF Electives
 5. List deferred graduate credit or undergraduate credit not used to meet a degree requirement. (See Student Support Center for clarification)

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