



Bachelor of Science in Quantitative Finance First-Year Entering 2025

☐ Study Plan / ☐ Application for Candidacy (check one)

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

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., F25, S26, 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	_____ HASS 103 - Writing & Communications Colloquium ⁽¹⁾	3.0	_____	III	_____ CS 115 - Intro to Computer Science	4.0	_____
I	_____ MA 121 - Differential Calculus	2.0	_____	III	_____ ECON 200 - Financial Econometrics	3.0	_____
I	_____ MA 122 – Integral Calculus	2.0	_____	III	_____ MA 221 - Differential Equations	4.0	_____
I	_____ QF 106 - Fundamentals of Probability for QF	3.0	_____	III	_____ MA 232 – Linear Algebra	3.0	_____
I	_____ QF 101 - Intro to Quantitative Finance I	3.0	_____	III	_____ QF 212 - Adv. Prob. & Stochastic Processes for QF	3.0	_____
I	_____ QF 104 - Data Management in R	1.0	_____				
I	_____ PRV 101 – First Year Experience	1.0	_____				
<u>TERM II</u>				<u>TERM IV</u>			
II	_____ HASS 105 - Knowledge, Nature, Culture ⁽¹⁾	3.0	_____	IV	_____ ECON 242 – Introduction to Economics	3.0	_____
II	_____ MA 123 – Series, Vectors, Functions, & Surfaces	2.0	_____	IV	_____ FIN 321 - Corporate Finance	3.0	_____
II	_____ MA 124 - Calculus of Two Variables	2.0	_____	IV	_____ MA 134 – Discrete Math	3.0	_____
II	_____ ACC 200 – Principles of Financial Accounting	3.0	_____	IV	_____ MA 230 – Multivariable Calculus and Optimization	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	1.0	_____				
II	_____ QF 112 - Statistics for QF	3.0	_____				
II	_____ MGT 290 - Business Career Seminar	0.0	_____				



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<u>TERM V</u>				<u>TERM VII</u>			
V ____	ACC 510 - Financial Statement Analysis	3.0	_____	VII ____	Humanities 100-200 Level ⁽¹⁾ _____	3.0	_____
V ____	CS 284 - Data Structures	4.0	_____	VII ____	MGT 411 - Senior Design I	3.0	_____
V ____	MGT 300 – Business Communications	3.0	_____	VII ____	QF 430 – Introduction to Derivatives	3.0	_____
V ____	QF 301 – Data Analysis & Machine Learning in Fin.	3.0	_____	VII ____	QF Elective ⁽³⁾ _____	3.0	_____
V ____	QF Concentration ⁽²⁾ _____	3.0	_____	VII ____	QF Concentration ⁽²⁾ _____	3.0	_____
<u>TERM VI</u>				<u>TERM VIII</u>			
VI ____	CS 385 - Algorithms	4.0	_____	VIII ____	Humanities 300-400 Level ⁽¹⁾ _____	3.0	_____
VI ____	QF 302 - Fin. Market Microstructure and Trading	3.0	_____	VIII ____	MGT 412 - Senior Design II	3.0	_____
VI ____	QF 343 - Intro. To Stochastic Calculus for QF	3.0	_____	VIII ____	QF Elective ⁽³⁾ _____	3.0	_____
VI ____	QF Elective ⁽³⁾ _____	3.0	_____	VIII ____	QF Concentration ⁽²⁾ _____	3.0	_____
VI ____	QF Concentration ⁽²⁾ _____	3.0	_____	VIII ____	PRV 201-205 Frontiers of Technology ⁽⁴⁾ _____	1.0	_____
				VIII ____	PRV 201-205 Frontiers of Technology ⁽⁴⁾ _____	1.0	_____
				VIII ____	PRV 201-205 Frontiers of Technology ⁽⁴⁾ _____	1.0	_____

ADDITIONAL COURSES ⁽⁵⁾

_____	_____	_____
_____	_____	_____
_____	_____	_____

NOTES:

- Students are required to take two additional Hum. courses other than HASS 103 and HASS 105. One must be at 100/200 level, and one must be at 300/400 level. Two different disciplines are required.
- Students can choose one of seven QF concentrations. Please see your advisor before choosing your concentration.
- Students can choose from a list of approved QF Electives on your course schedule
- Frontiers of Technology – **Choose 3 out of 5: PRV 201, PRV 202, PRV 203, PRV 204, PRV 205** – These courses can be taken from second year onwards.
- List deferred graduate credit or undergraduate credit not used to meet a degree requirement. (See Student Support Center for clarification)