



Bachelor of Science in Quantitative Finance Freshmen Entering 2019

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., 19F, 19S, 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 121/122 - Differential Calculus/Integral Calculus	4.0	____	III	____ QF 212 - Adv. Prob. & Stochastic Processes for QF	3.0	____
I	____ QF 106 - Fundamentals of Probability for QF	3.0	____	III	____ CS 135 - Discrete Structures	4.0	____
I	____ CS 110 - Creative Problem Solving Computing	3.0	____	III	____ BT 200 - Financial Accounting	3.0	____
I	____ QF 101 - Intro to Quantitative Finance I	3.0	____	III	____ BT 290 - Business Career Seminar	0.0	____
I	____ QF 103 - Intro to Financial Tools & Tech	1.0	____	III	____ QF 200 - Financial Econometrics	3.0	____
				III	____ PE 200 - Physical Education I ⁽²⁾	0.0	____
<u>TERM II</u>				<u>TERM IV</u>			
II	____ CAL 105 - Knowledge, Nature, Culture ⁽¹⁾	3.0	____	IV	____ MA 230 - Multivariate Calculus & Optimization	3.0	____
II	____ MA 123/124 - Series, Vectors, Functions & Surface/ Calculus for Two Variable	4.0	____	IV	____ CS 284 - Data Structures	4.0	____
II	____ QF 112 - Statistics for QF	3.0	____	IV	____ BT 244 - Microeconomics	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 104 - Data Management in R	1.0	____	IV	____ PE200 - Physical Education II ⁽²⁾	0.0	____

Student Signature: _____ Date: _____

Original Revision

Faculty Advisor Signature: _____ Date: _____

2nd Degree

UG Records Auditor: _____ Date: _____



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<u>TERM V</u>			
V	Science Requirement ⁽³⁾ _____	3.0	_____
V	CS 385 - Algorithms	4.0	_____
V	QF 435 - Risk Management for Capital Markets	3.0	_____
V	BT 325 - Financial Statement Analysis or FIN510	3.0	_____
V	QF Concentration ⁽⁴⁾ _____	3.0	_____
V	QF 301 - Advanced Time Series Analytics & Machine Learning	3.0	_____
V	PE 200 - Physical Education III ⁽²⁾	0.0	_____
<u>TERM VI</u>			
VI	HPL 456 - Ethics of Business & Technology	3.0	_____
VI	Humanities Elective ⁽¹⁾ _____	3.0	_____
VI	QF 343 - Intro. To Stochastic Calculus for QF	3.0	_____
VI	QF Elective ⁽⁵⁾ _____	3.0	_____
VI	QF Concentration ⁽⁴⁾ _____	3.0	_____
VI	QF 302 - Fin. Market Microstructure and Trading	3.0	_____
VI	PE 200 - Physical Education IV ⁽²⁾	0.0	_____

Term	Course	Credits	Grade
<u>TERM VII</u>			
VII	QF 430 - Intro to Derivatives	3.0	_____
VII	QF Elective ⁽⁵⁾ _____	3.0	_____
VII	QF Concentration ⁽⁴⁾ _____	3.0	_____
VII	QF 401 or BT 411 - Senior Design I	3.0	_____
VII	General Elective _____	3.0	_____
<u>TERM VIII</u>			
VIII	Humanities Requirement ⁽¹⁾ _____	3.0	_____
VIII	QF Elective ⁽⁵⁾ _____	3.0	_____
VIII	QF Concentration ⁽⁴⁾ _____	3.0	_____
VIII	QF 402 or BT 412 - Senior Design II	3.0	_____
VIII	General Elective _____	3.0	_____
<u>ADDITIONAL COURSES</u>⁽⁶⁾			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

- NOTES:
- 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 is required.
 - PE Requirement- All students must complete a minimum of four semesters of Physical Education (P.E.) in non-repeating courses. No credit or grades are awarded for P.E. classes. Participation in varsity and club sports may be used to satisfy all four of the Physical Education requirements.
 - Choose from a list of approved science courses.
 - Students can choose one of three QF concentrations. Please see your advisor before choosing your concentration.
 - Students can choose from a list of approved QF Electives
 - List deferred graduate credit or undergraduate credit not used to meet a degree requirement. (See Student Support Center for clarification)

Student Signature: _____ Date: _____

Original Revision

Faculty Advisor Signature: _____ Date: _____

2nd Degree

UG Records Auditor: _____ Date: _____