



Bachelor of Science in Quantitative Finance Freshmen Entering 2020

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 - 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 - Discrete Structures	4.0	_____
I	_____ QF 106 - Fundamentals of Probability for QF	3.0	_____	III	_____ BT 200 - Financial Accounting	3.0	_____
I	_____ CS 110 - Creative Problem Solving in Computing	3.0	_____	III	_____ BT 290 - Business Career Seminar	0.0	_____
I	_____ QF 101 - Intro to Quantitative Finance I	3.0	_____	III	_____ QF 200 - Financial Econometrics	3.0	_____
I	_____ QF 103 - Intro to Financial Tools & Technology	1.0	_____	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 - Series, Vectors, Functions & Surface	2.0	_____	IV	_____ CS 284 - Data Structures	4.0	_____
II	_____ MA 124 - Calculus for Two Variables	2.0	_____	IV	_____ BT 244 - Microeconomics	3.0	_____
II	_____ QF 112 - Statistics for QF	3.0	_____	IV	_____ BT 321 - Corporate Finance	3.0	_____
II	_____ CS 115 - Intro to Computer Science	4.0	_____	IV	_____ QF 202 - Financial Time Series	3.0	_____
II	_____ QF 102 - Intro to Quantitative Finance II	3.0	_____	IV	_____ PE200 - Physical Education II ⁽²⁾	0.0	_____
II	_____ QF 104 - Data Management in R	1.0	_____				

Student Signature: _____ Date: _____

Original Revision

Faculty Advisor Signature: _____ Date: _____

2nd Degree

UG Records Auditor: _____ Date: _____



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<u>TERM V</u>				<u>TERM VII</u>			
V	Science Requirement ⁽³⁾	3.0	_____	VII	QF 430 - Intro to Derivatives	3.0	_____
V	CS 385 - Algorithms	4.0	_____	VII	QF Elective ⁽⁵⁾	3.0	_____
V	BT 325 - Financial Statement Analysis or FIN510	3.0	_____	VII	QF Concentration ⁽⁴⁾	3.0	_____
V	QF 435 - Risk Management for Capital Markets	3.0	_____	VII	MGT 411 - Senior Design I	3.0	_____
V	QF Concentration ⁽⁴⁾	3.0	_____	VII	General Elective	3.0	_____
V	QF 301 - Advanced Time Series Analytics & Machine Learning	3.0	_____	<u>TERM VIII</u>			
V	PE 200 - Physical Education III ⁽²⁾	0.0	_____	IV	Humanities 300-400 Level ⁽¹⁾	3.0	_____
<u>TERM VI</u>				VIII	QF Elective ⁽⁵⁾	3.0	_____
VI	HPL 456 - Ethics of Business & Technology	3.0	_____	VIII	QF Concentration ⁽⁴⁾	3.0	_____
VI	Humanities 100-200 Level ⁽¹⁾	3.0	_____	VIII	MGT 412 - Senior Design II	3.0	_____
VI	QF 343 - Intro. To Stochastic Calculus for QF	3.0	_____	VIII	General Elective	3.0	_____
VI	QF Elective ⁽⁵⁾	3.0	_____	<u>ADDITIONAL COURSES⁽⁶⁾</u>			
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	_____	_____	_____	_____	_____

- 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 is required.
 2. 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 sports may be used to satisfy up to four credits of the P.E. requirement.
 3. Choose from a list of approved science courses.
 4. Students can choose one of four QF concentrations. Please see your advisor before choosing your concentration.
 5. Students can choose from a list of approved QF Electives
 6. 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: _____