



# Bachelor of Science – Quantitative Finance Freshmen Entering 2018

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 /  Application for Candidacy (check one)

Name: \_\_\_\_\_ ID: \_\_\_\_\_ Class: \_\_\_\_\_ Box S- \_\_\_\_\_ E-mail: \_\_\_\_\_

Major Field: Quantitative Finance 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., 2002F, 2003S, 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
<b><u>TERM I</u></b>				<b><u>TERM III</u></b>			
I	_____ CAL 103 – Writing & Communications Colloquium (1)	3.0	_____	III	_____ MA 221 – Differential Equations	4.0	_____
I	_____ MA 121 – Differential Calculus	2.0	_____	III	_____ CS 135 – Discrete Structures	4.0	_____
I	_____ MA 122 – Integral Calculus	2.0	_____	III	_____ QF 200 - Financial Econometrics	3.0	_____
I	_____ QF 112 – Statistics for Quantitative Finance	3.0	_____	III	_____ BT 244 - Microeconomics	3.0	_____
I	_____ CS 110 – Creative Problem Solving Computing	3.0	_____	III	_____ BT 321 - Corporate Finance	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	_____ PE 200 - Physical Education III (2)	0.0	_____
I	_____ PE 200 - Physical Education I (2)	0.0	_____				
<b><u>TERM II</u></b>				<b><u>TERM IV</u></b>			
II	_____ CAL 105 – Knowledge, Nature, Culture (1)	3.0	_____	IV	_____ Science Requirement (3) _____	3.0	_____
II	_____ MA 123 – Series, Vectors, Functions & Surface	2.0	_____	IV	_____ MA 230 – Multivariate Calculus & Optimization	3.0	_____
II	_____ MA 124 - Calculus for Two Variables	2.0	_____	IV	_____ CS 284 – Data Structures	4.0	_____
II	_____ CS 115 – Introduction to Computer Science	4.0	_____	IV	_____ QF 202 – Financial Time Series	3.0	_____
II	_____ BT 200 - Financial Accounting	3.0	_____	IV	_____ QF 430 - Intro to Derivatives	3.0	_____
II	_____ QF 102 – Intro to Quantitative Finance II	3.0	_____	IV	_____ PE200 - Physical Education IV (2)	0.0	_____
II	_____ QF 104 – Data Management in R	1.0	_____				
II	_____ PE 200 - Physical Education II (2)	0.0	_____				

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_  Original  Revision

Faculty Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_  2<sup>nd</sup> Degree

UG Records Auditor: \_\_\_\_\_ Date: \_\_\_\_\_



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Major Field: Quantitative Finance Concentration: \_\_\_\_\_

Term	Course	Credits	Grade
<b><u>TERM V</u></b>			
V	QF 301 – Advanced Time Series Analytics & Machine Learning	3.0	_____
V	QF 343 – Intro to Stochastic Calculus for QF	3.0	_____
V	CS 385 - Algorithms	4.0	_____
V	BT 325 - Financial Statement Analysis OR FIN510	3.0	_____
V	QF Concentration <sup>(4)</sup> _____	3.0	_____

Term	Course	Credits	Grade
<b><u>TERM VI</u></b>			
VI	HPL 456 – Business Ethics	3.0	_____
VI	QF 302 – Financial Market Microstructure & Trading	3.0	_____
VI	QF 435 - Risk Management for Capital Markets	3.0	_____
VI	QF 465 – Advanced Topics in Financial Comp Sci	3.0	_____
VI	QF Concentration <sup>(4)</sup> _____	3.0	_____
VI	QF Elective <sup>(5)</sup> _____	3.0	_____

Term	Course	Credits	Grade
<b><u>TERM VII</u></b>			
VII	Humanities Requirement (1) _____	3.0	_____
VII	QF Concentration (4) _____	3.0	_____
VII	QF 401 – Senior Design Research Projects in QF I	3.0	_____
VII	QF Elective (5) _____	3.0	_____
VII	General Elective _____	3.0	_____

Term	Course	Credits	Grade
<b><u>TERM VIII</u></b>			
VIII	Humanities Requirement (1) _____	3.0	_____
VIII	QF Concentration (4) _____	3.0	_____
VIII	QF 402 – Senior Design Research Projects in QF II	3.0	_____
VIII	QF Elective (5) _____	3.0	_____
VIII	General Elective _____	3.0	_____

<b><u>ADDITIONAL COURSES<sup>(6)</sup></u></b>			
_____	_____	_____	_____
_____	_____	_____	_____

- NOTES:
- (1) Students are required to take two additional Humanities 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 three credits of the P.E. requirement.
  - (3) Choose from a list of approved science courses.
  - (4) Students can choose one of three 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: \_\_\_\_\_

2<sup>nd</sup> Degree

UG Records Auditor: \_\_\_\_\_ Date: \_\_\_\_\_