

UNIVERSITY OF RHODE ISLAND

College of Arts & Sciences – Mathematics-Finance Pre-Actuary Track BS

(Fall 2017 to Spring 2018)

Student Name: _____ ID No. _____ Date: _____

This curriculum sheet is designed to provide students with the suggested course sequence required to complete their Mathematics-Finance BS degree requirements in four years. For information concerning prerequisites, please consult the online catalog at <http://www.uri.edu/catalog>.

Course No.	Course Description	Semester Offered	Credits	Grade
FRESHMAN YEAR				
ECN 201	Principles of Economics: Microeconomics (A2)		3	
ECN 202	Principles of Economics: Macroeconomics (A2, C1)		3	
MTH 141	Introductory Calculus w/Analytic Geometry (A1, B3)	F, S	4	
MTH 142	Intermediate Calculus w/Analytic Geometry (A1, B3)	F, S	4	
PHL 212	Ethics		3	
URI 101	Planning for Academic Success	F	1	
	Language 1 (e.g., A3, C2)	F, S	3	
	Language 2 (e.g., A3, C2)	F, S	3	
	Gen Ed or Elective	F, S	3	
	Gen Ed or Elective	F, S	3	
Total Credits per Academic Year			30	
SOPHOMORE YEAR				
BUS 201	Financial Accounting		3	
BUS 202	Managerial Accounting		3	
BUS 315	Legal Environment of Business		3	
MTH 244	Differential Equations	F, S	3	
CSC 201	Intro to Computer Programming	F, S	4	
MTH 215	Introduction to Linear Algebra	F, S	3	
MTH 243	Calculus for Functions of Several Variables (A1, B3)	F, S	3	
MTH 451	Introduction to Probability and Statistics	F, S	3	
WRT 227	Business Communications	F, S	3	
	Gen Ed or Elective		3	
Total Credits per Academic Year			31	
JUNIOR YEAR				
BUS 301	Intermediate Accounting I (Earn C or better)		3	
BUS 320	Financial Management		3	
BUS 322	Financial Institutions and Markets		3	
BUS 341	Organizational Behavior		3	
BUS 390	Junior Career Passport Program		1	
ECN 327	Intermediate ECN Theory: Income and Employment		3	
ECN 328	Intermediate ECN Theory Pricing and Distribution		3	
MTH 437	Advanced Calculus and Applications I	F	3	
MTH 438	Advanced Calculus and Applications II	S	3	
BUS 365	Marketing Principles		3	
MTH 452	Mathematical Statistics	S	3	
Total Credits per Academic Year			31	

SENIOR YEAR				
BUS 321	Security Analysis		3	
BUS 335	Fundamentals of Risk Management and Insurance		3	
BUS 355	Operations & Supply Chain Management		3	
BUS 420	Advanced Financial Management		3	
BUS 421	Derivative Securities & Risk Management		3	
BUS 422	Student Investment Fund (optional)		3	
BUS 424	Fixed Income Security Analysis		3	
BUS 428	Multinational Finance		3	
BUS 445	Strategic Management		3	
ECN 376	Introduction to Econometrics		3	
MTH 4XX	MTH-453, MTH 418, or MTH 471	F, S	3	
Total Credits per Academic Year			30	
Total Minimum Credits			122	

NOTES:

*Courses on the sheet in bold have prerequisites.

F, S denotes semester course if offered: F=Fall or S=Spring or F, S=both.

General Education Guidelines:

General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40-credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code (Note: HPR courses may have more than 12 credits). General education courses may also be used to meet requirements of the major or minor when appropriate.

General Education Credit Count				
At least 40 credits, no more than 12 credits with the same course code				
Course	Credit		Course	Credit
BUS 445	3			
CSC 201	4			
ECN 201	3			
ECN 202	3			
MTH 141	4			
MTH 142	4			
MTH 243	3			
PHL 212	3			
WRT 227	3			
Language 1	3			
Language 2	3			
Total Gen Ed Credits				

General Education Outcome Audit	
	Course
KNOWLEDGE	
A1 STEM	MTH 141
A2 Social & Behavioral Sciences	ECN 201
A3 Humanities	PHL 212
A4 Arts & Design	
COMPETENCIES	
B1 Write Effectively	WRT 227
B2 Communicate Effectively	WRT 227
B3 Mathematical, Statistical, or Computational Strategies	MTH 142
B4 Information Literacy	
RESPONSIBILITIES	
C1 Civic Knowledge & Responsibilities	ECN 202
C2 Global Responsibilities	Language
C3 Cultural Competencies	PHL 212
INTEGRATE & APPLY	
D1 Ability to Synthesize	BUS 445
GRAND CHALLENGE	
G. At least 1 course approved as "G"	

Arts & Sciences Requirement: To transfer from University College to the College of Arts & Sciences, student must have an overall GPA of 2.0.

Graduation Requirements:

1. A minimum of 120 credit hours with an overall grade point average of 2.0.
2. An overall grade point average of 2.0 (including all attempts) is mandatory for the eight 300 and 400 level courses required for the major. Half the credits in the major must be completed at URI.

Transfer Credits:

1. Students who wish to study at another college or university must obtain prior approval from the Dean's Office and earn a grade of C or better for the credits to transfer. NOTE: Only the credits and no the grade will transfer.
2. Credit transferred from a community or junior college is limited to half the credits required for the University of Rhode Island degree.