Mathematics, BS - Fiscal Mathematics Emphasis

MATH 1320	Introduction to Probability and Statistics	3
MATH 1800	Analytic Geometry and Calculus I	5
MATH 1900	Analytic Geometry and Calculus II	5
MATH 2000	Analytic Geometry and Calculus III	5
MATH 2020	Introduction to Differential Equations	3
MATH 2450	Elementary Linear Algebra	3
MATH 3250	Foundations of Mathematics	3
MATH 4200	Mathematical Statistics I	3
MATH 4210	Mathematical Statistics II	3

Specialized Requirements

MATH 4010	Financial Mathematics I	3
MATH 4020	Financial Mathematics II	3
FINANCE 3500	Financial Management	3
MATH 4005	Exploratory Data Analysis with R	3
In addition, two further courses in mathematics, statistics or computer science numbered above 4000.		6

Related Requirements

ECON 4100	Introduction to Econometrics	4
ECON 4110	Applied Econometrics	4
or ECON 4130	Business and Economic Forecasting	

Complete two of the following courses:		6
FINANCE 3503	Computer Applications in Finance	
FINANCE 3520	Investments	
FINANCE 3521	Financial Engineering: Applying Derivatives	
FINANCE 3523	Fixed Income Analysis	
FINANCE 3540	Introduction to Financial Institutions and Financial Markets	
FINANCE 3561	Principles of Insurance	
Total Hours		**65**

Sign-offs from other departments affected by this proposal

Department	Contact Person	Phone #	Objections
S003400			No
S002900			No

Rationale   Added Finance 3561 to Finance electives