

Math Course Options for the Bachelor of Science (BS) Degree

Students pursuing a business core program (Accounting, Economics with Business Concentration, Finance, Hospitality, International Business, Management, Management Information Systems, or Marketing) are eligible to receive either a BBA (Bachelor of Business Administration) or a BS (Bachelor of Science) degree. The BS degree requirements are the same as those of the B.B.A., except the B.S. requires a student to complete 6 additional credits of math or statistics courses beyond the calculus and statistics required in the Pre-Business Foundation courses.

Students interested in earning the BS should take **two** courses from the list below. Pre-requisites vary; consult the University catalog or the Searchable Schedule for information.

Economics Minor: Interested students can choose two of the ECO options below and count those same courses towards a minor in Economics.

Calculus Courses: Students who used a more advanced calculus in place of MAC2233 within pre-business cannot count that course both towards pre-business and BS requirements.

Not all courses are offered every semester. Speak with an academic advisor if you have questions.

Choose TWO:

Course Title	Prefix & Number	Credits
Modern Analysis	MAA4200	3
Introductory Complex Analysis	MAA4402	3
Calculus with Analytic Geometry 1	MAC2311	4
Calculus with Analytic Geometry 2	MAC2312	4
Calculus with Analytic Geometry 3	MAC2313	4
Discrete Mathematics	MAD2104	3
Introduction to Computational Math	MAD2502	3
Differential Equations 1	MAP2302	3
Matrix Theory	MAS2103	3
Linear Algebra 2	MAS4107	3
Modern Algebra	MAS4301	3
Mathematical Problem Solving	MAT4937	3
Probability and Statistics 1	STA4442	3
Honors Intermediate Statistics	STA3163	3
Introduction to Econometric Methods	ECO4421	3
Intermediate Econometrics	ECO4422	3
Game Theory and Applications	ECO4402	3
Mathematical Economics	ECO4401	3
Logic	PHI2102	3