

Major	Minimum Math Requirement	Optimum
Actuarial Science (B.S.)	MATH 108 & 109	MATH 113
Art History	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Biochemistry (B.S.)	MATH 108 & 109	MATH 113
Biology	MATH 101 or MATH 107 and DASC 120 (or only DASC 120 with MATH Placement of 108)	DASC 120
Biology (B.S.)	MATH 108 & 109	MATH 113
Biology of Global Health (B.S.)	MATH 108 & 109	MATH 113
Business Administration – Accounting	MATH 101 or higher	MATH 101 or 111
Business Administration – Business Communication	MATH 101 or higher	MATH 101 or 111
Business Administration – Entrepreneurship	MATH 101 or higher	MATH 101 or 111
Business Administration – Family Business	MATH 101 or higher	MATH 101 or 111
Business Administration – Financial Management	MATH 108 & 109, 111, or 113	MATH 111 or 113
Business Administration – BA in Business Administration (formerly General Business)	MATH 101 or higher	MATH 101 or 111
Business Administration – Human Resource Mgmt	MATH 101 or higher	MATH 101 or 111
Business Administration – International Business	MATH 101 or higher	MATH 101 or 111
Business Administration – Law and Compliance	MATH 101 or higher	MATH 101 or 111
Business Administration – Leadership and Mgmt	MATH 101 or higher	MATH 101 or 111

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Business Administration – Marketing Management	MATH 101 or higher	MATH 101 or 111
Business Administration – Operations Management	MATH 101 or higher	MATH 101 or 111
Business Administration – Real Estate Studies (B.S.)	MATH 101 or higher	MATH 101 or 111
Catholic Studies	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Chemistry	MATH 108 & 109	MATH 113
Chemistry (B.S.) (ACS Certified)	MATH 108 & 109	MATH 113
Civil Engineering (B.S.C.E.)	MATH 108 & 109	MATH 113 *Note: Students with Math Placement of MATH 111 will be asked to take the Math Placement Exam
Classics (Latin, Greek, Classical Civilizations)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Communication Studies	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Computer Science	MATH 108 & 109	MATH 113
Computer Engineering (B.S.C.P.E.)	MATH 108 & 109	MATH 113 *Note: Students with Math Placement of MATH 111 will be asked to take the Math Placement Exam
Criminal Justice	MATH 100/101	N/A
Data Analytics	MATH 108 & 109	MATH 113

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Data Science	MATH 108 & 109	MATH 113
Economics	MATH 108 & 109	MATH 111 or 113
Economics (B.S.)	MATH 108 & 109	MATH 111 or 113
Education	Varies by Concentration (see below)	N/A
Electrical Engineering (B.S.E.E.)	MATH 108 & 109	MATH 113 *Note: Students with Math Placement of MATH 111 will be asked to take the Math Placement Exam
Emerging Media (Digital Media Arts, Journalism, Strategic Communication)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
English (including writing tracks and lit & writing tracks)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
English – Education (5-12 teacher licensure)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Environmental Science (All tracks)	MATH 108 & 109	MATH 113
Environmental Studies	MATH 101 or higher	NOTE: A MATH 108 placement may be necessary for some options within the major, but not necessary for the major overall
Exercise Science (B.S.)	MATH 108 & 109	MATH 113

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Family Studies	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
French	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Film (including Film Studies and Media Production)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Geography	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Geography – Geographic Information Systems (GIS)	MATH 101 and DASC 120 (or only DASC 120 with Math Placement of 108)	N/A
Geology	MATH 108 & 109	MATH 113
Geology (B.S.)	MATH 108 & 109	MATH 113
German	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Health Promotion (B.S.)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
History	Only need course to fulfill Quantitative Analysis Core Requirement	N/A

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International Studies	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Justice & Peace Studies (all tracks)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Mathematics	MATH 108 & 109	MATH 113
Mechanical Engineering (B.S.M.E.)	MATH 108 & 109	MATH 113 *Note: Students with initial Math Placement of MATH 111 will be asked to take the Math Placement Exam
Music	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Music Business	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Music – Performance (B.M.)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Neuroscience (B.S.)	MATH 108 & 109	MATH 113
Nursing	MATH 101 or MATH 107 and DASC 120 (or only DASC 120 with MATH Placement of 108)	DASC 120
Nutrition	MATH 101 or MATH 107 and DASC 120 (or only DASC 120 with MATH Placement of 108)	DASC 120

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Philosophy	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Physics	MATH 108 & 109	MATH 113
Physics (B.S.)	MATH 108 & 109	MATH 113
Political Science	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Psychology	MATH 101 or MATH 107 and DASC 120 (or only DASC 120 with MATH Placement of 108)	DASC 120
Public Health Studies	MATH 101 and DASC 120 (or only DASC 120 with Math Placement of 108)	N/A
Social Work	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Sociology	MATH 101 or higher	N/A
Spanish	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Statistics (B.S.)	MATH 108 & 109	MATH 113
Theology	Only need course to fulfill Quantitative Analysis Core Requirement	N/A

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Women, Gender, and Sexuality Studies	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Elementary Education	MATH 121	MATH 121
<u>Education Co-Majors</u>	The following sets of majors (with specialty) require a second major. They cannot be “stand-alone” majors.	
Middle/Secondary Education and Chemistry (9-12)	MATH 108 & 109	MATH 113
Middle/Secondary Education and Communication Arts and Literature (5-12)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Middle/Secondary Education and Life Science (9-12)	MATH 101 or higher	CHEM 111
Middle/Secondary Education and Physics (9-12)	MATH 108 & 109	MATH 113
Middle/Secondary Education and Social Studies (5-12)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Music Education – All tracks (K-12) (B.M.)	Only need course to fulfill Quantitative Analysis Core Requirement	N/A
Special Education	Only need course to fulfill Quantitative Analysis Core Requirement	Recommended but not Required MATH 121