

Majors and MATH Requirements

The chart below shows math requirements by major. Any of the courses listed in **bold font fulfill the Calculus or Statistics requirement** for the major. Math courses not in bold indicate a lower level preparatory course. Enrollment in your first math course is based on your MPE score. The MyMadison system will not permit you to enroll in a course higher than the recommendation for your math score. In some cases, score parameters may overlap allowing students to enroll in either course. Additional courses may be required by the major.

Major	MATH Course(s) Required			
	Calculus	CALC Score	Statistics	STAT Score
Biology & Biotechnology	MATH 235 MATH 233 MATH 233 + 199 MATH 231 MATH 231 + 199 MATH 155	30 - 45 23 - 29 18 - 22 23 - 29 18 - 22 < 18	MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Business (excluding QFIN)	MATH 235 MATH 205 MATH 205 + 199 MATH 155	30 - 45 25 - 45 23 - 24 < 23	COB 191	>15 OR any credit for one of the following: MATH 155, MATH 156, MATH 205, MATH 231, MATH 233, MATH 235 or ISAT 151
Chemistry & Biophysical Chemistry	MATH 235 MATH 231 MATH 231 + 199 MATH 155	30 - 45 23 - 29 18 - 22 < 18		
Communication Science and Disorders			MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Communication Studies – BS			MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Computer Science	MATH 235 MATH 231 MATH 231 + 199 MATH 155	30 - 45 23 - 29 18 - 22 < 18	MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Earth Science	MATH 235 MATH 231 MATH 231 + 199 MATH 155	30 - 45 23 - 29 18 - 22 < 18		
Education Majors:				
Elementary Ed	MATH 107	1-45		
Inclusive Early Childhood Ed	Any Cluster Three Math	See MPE score information in the All Other Majors section below		
Special Education	Any Cluster Three Math	See MPE score information in the All Other Majors section below		
Teaching English to Speakers of Other Languages	Any Cluster Three Math	See MPE score information in the All Other Majors section below		
SEED – MS English	Any Cluster Three Math	See MPE score information in the All Other Majors section below		

SEED – MS Mathematics	MATH 107	1-45		
SEED – MS Science	Calculus			
SEED – MS Social Studies	Any Cluster Three Math	See MPE score information in the All Other Majors section below		
SEED – Biology/Chemistry/Earth Science/Mathematics/Physics	MATH 235	30 - 45	MATH 220	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
	MATH 233	23 - 29	MATH 105	
	MATH 233 + 199	18 - 22		
	MATH 231	23 - 29		
	MATH 231 + 199	18 - 22		
	MATH 155	< 18		
SEED – English/History	Any Cluster Three Math	See MPE score information in the All Other Majors section below		
Geology	MATH 235	30 – 45	MATH 220	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
	MATH 231	23 – 29	MATH 105	
	MATH 231 + 199 MATH 155	18 – 22 < 18		
Engineering	MATH 235 MATH 231 MATH 231 + 199 MATH 155	30 – 45 23 – 29 18 – 22 < 18		
Health Sciences			MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
IdLS	MATH 107	1-45		
ISAT	ISAT 151 ISAT 151 & ISAT 150 MATH 155	30-45 20-29 < 20		
International Affairs			MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Justice Studies			MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Kinesiology	MATH 205 MATH 205 + MATH 199 MATH 155	25-45 23 - 24 <23	MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Mathematics	MATH 235 MATH 231 MATH 231 + 199 MATH 155	30-45 23-29 18-22 < 18		
Nursing			MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Physics	MATH 235 MATH 231 MATH 231 + 199 MATH 155	30-45 23-29 18-22 < 18		

Political Science			MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Public Administration			MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Psychology			MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Quantitative Finance	MATH 235 MATH 231 MATH 231 + 199 MATH 155	30-45 23-29 18-22 < 18		
Social Work			MATH 220 MATH 105	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC
Statistics			MATH 229 MATH 105	16 or higher on STAT AND 23 or higher on CALC lower than 16 on STAT OR lower than 23 on CALC
Undeclared	Consult with your advisor about majors you are considering before enrolling in a math class.			
All other majors – classes in bold font fulfill General Education Cluster 3 Quantitative Reasoning requirement	MATH 235 MATH 231 MATH 231 + 199 MATH 155	30-45 23-29 18-22 < 18	MATH 220 MATH 105 MATH 103	16 or higher on STAT OR 18 or higher on CALC lower than 16 on STAT AND lower than 18 on CALC No minimum MPE score