

# Mathematics Learning Sequence

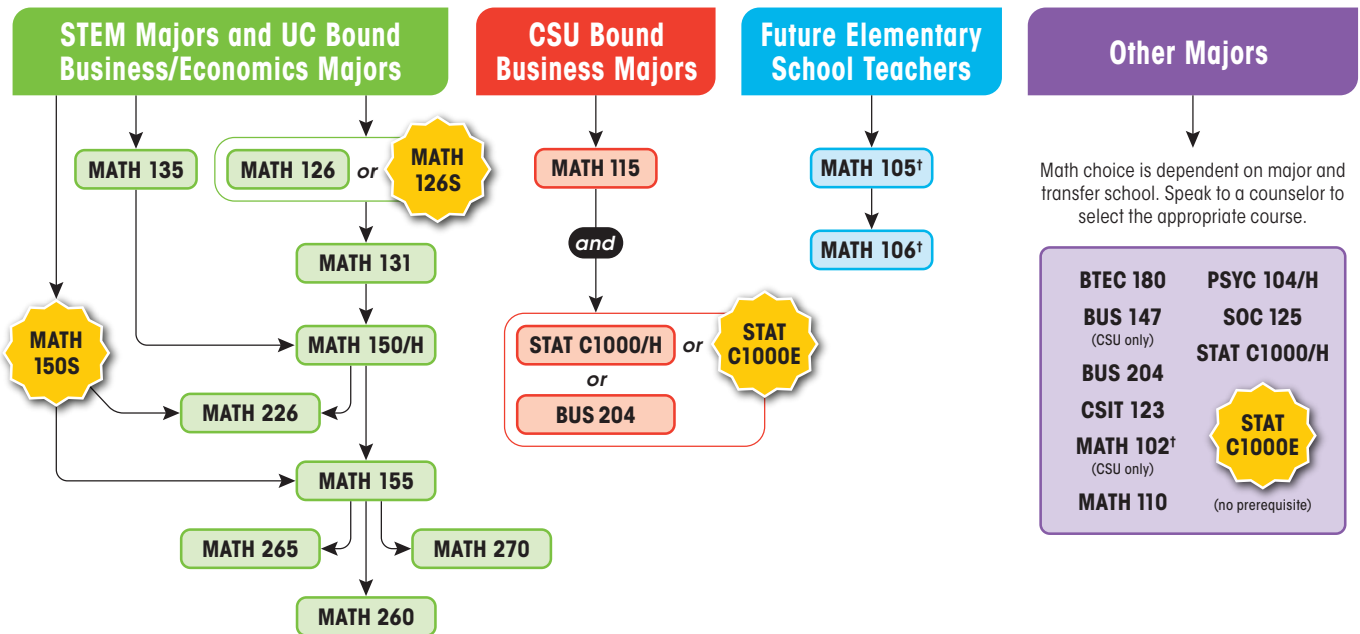
To determine the appropriate placement/eligibility for a credit or noncredit particular major or transfer institution, **please consult a counselor or email [transfercenter@miracosta.edu](mailto:transfercenter@miracosta.edu)**.\*

**Note:** Math 112 provides students with essential Intermediate Algebra knowledge and skills needed for Math 105, 115, 126S and 126.

## MATH 112

**Note:** MATH 112 is UC/CSU transferable and can be used to meet the Cal-GETC requirements.

### CREDIT COURSES



**Looking to brush up on your skills and review math and science concepts at your own pace?** spark focuses on igniting learning and reviewing foundational concepts to increase success in math and science courses. Any student can take advantage of the free **Spark** program through Canvas with our STEM and Math Learning Center staff available for support. **We are here for you!**

miracosta.edu/spark

† For MATH 102, MATH 105, and MATH 106, these courses will not meet Cal-GETC, but still have articulation as part of major prep and meet GE at many CSUs. Please consult with a counselor to confirm based on your transfer goals.\*

## COURSE TITLES

<b>BTEC 180</b>	Biostatistics	<b>MATH 112</b>	Algebraic Concepts for Problem Solving	<b>MATH 155</b>	Calculus & Analytic Geometry II
<b>BUS 147</b>	Personal Finance	<b>MATH 115</b>	Calculus with Applications	<b>MATH 260</b>	Calculus & Analytic Geometry III
<b>BUS 204</b>	Business Statistics	<b>MATH 126</b>	Pre-Calculus I: College Algebra	<b>MATH 226</b>	Discrete Mathematics
<b>CSIT 123</b>	Introduction to Data Analytics	<b>MATH 126S</b>	Pre-Calculus I: College Algebra with Integrated Support	<b>MATH 265</b>	Differential Equations
<b>MATH 102</b>	Mathematics for Life (formerly MATH 95)	<b>MATH 131</b>	Pre-Calculus II: Trigonometry	<b>MATH 270</b>	Linear Algebra
<b>MATH 105</b>	Concepts & Structures of Elementary Mathematics I	<b>MATH 135</b>	Pre-Calculus Mathematics	<b>PSYC 104/H</b>	Statistics for Behavioral Science
<b>MATH 106</b>	Concepts & Structures of Elementary Mathematics II	<b>MATH 150/H</b>	Calculus & Analytic Geometry I	<b>SOC 125</b>	Introduction to Statistics in Sociology
<b>MATH 110</b>	Principles of Data Science	<b>MATH 150S</b>	Calculus & Analytic Geometry I with Integrated Support	<b>STAT C1000</b>	Introduction to Statistics
				<b>STAT C1000/H</b>	Introduction to Statistics (Honors)
				<b>STAT C1000E</b>	Statistics with Integrated Support

\* Often, requirements are different between transfer schools and majors; *all* students should meet with their counselor about which courses are best for their specific educational journey. Visit a counselor at [miracosta.edu/counseling](http://miracosta.edu/counseling). For all courses listed, visit the STEM Learning Centers at [miracosta.edu/stemlc](http://miracosta.edu/stemlc) for support, tutoring, and the chance to meet other students who have similar course and career goals. Math Department website: [miracosta.edu/math](http://miracosta.edu/math)