

School of STEM: Expected Course Offerings Summer 2024

Course Code, number, and title	Summer 1	Summer 2	Pre-requisites
First-year Courses			
BIOL 104 Human Biology	X		None
BIOL 109 Introductory Biology *	X		None * [Note: BIOL 109 replaces BIOL 106/107]
BIOL 111 General Biology II		X	BIOL 106 and 107; or BIOL 109 as a prerequisite or corequisite; or BIOL 110 as a prerequisite or corequisite
CHEM 111 Chemical Dynamics & Energetics	X		CHEM 110 (C-); and Precalculus 12 (B) or BMTH 054 (C+) or MATH 105 (C-) or Calculus MPT
COMP 101 Computers and Their Application	X		One of the following: Pre-calculus 11, Foundations of Mathematics 11, Workplace Mathematics 11, History of Mathematics 11, Computer Science 11, BMTH 044, BMTH 048, MATH 123 or Precalculus MPT
COMP 115 Learn to Code	X		One of the following: Pre-calculus 11, Foundations of Mathematics 11, Workplace Mathematics 11, Computer Science 11, BMTH 044, BMTH 048, MATH 123, Precalculus MPT, or COMP 101 (B-)
INTS 110 Making Change: Regional Research and Action	X		None
MATH 097 Intermediate Algebra	X		Basic MPT; or Pre-calculus 11 with (C+); or Pre-calculus 12 or BMTH 044 with a (C)
MATH 105 Precalculus Mathematics - Modelling Our World	X		Precalculus MPT; or Pre-calculus 11 with (A); or Pre-calculus 12 with (C+); or MATH 097 or MATH 096 with (C-); or BMTH 044 with (B)
MATH 108 Calculus I for Business, Social Sciences and Life Sciences *	X		Calculus MPT; or Pre-calculus 12 with (B); or MATH 105 with (C-); or BMTH 054 with (C+). * [Note: MATH 108 is equivalent to MATH116]
MATH 116 Calculus I - The Mathematics of Change	X		Calculus MPT; or Pre-calculus 12 with (A); or Pre-calculus 12 and Calculus 12 with (B) in each; or MATH 105 with (C-); or BMTH 054 with (B)
MATH 123 Contemporary Mathematics	X		None
MATH 126 Calculus II *	X		MATH 116 with (C-) * [Note: MATH 126 is equivalent to MATH 109]
STAT 101 Introduction to Statistics	X		Basic MPT; or MATH 097; or MATH 091 or BMTH 043 with (C+); or MATH 096 or BMTH 044 with (C-); or MATH 123 or BMTH 048 or Pre-calculus 11 or Principles of Math 11 or Foundations of Math 11 or Applications of Math 11 with (C)
Second-year Courses			
BIOL 202 Nutrition	X		BIOL 113 (C-) or BIOL 111 (C-), and Chemistry 11
BIOL 209 Fundamentals of Physiology ③	X		BIOL 111 (C-)
Third- and Fourth-year Courses			
BIOL 408 Restoration Ecology ⑤	X		BIOL 208 (C-)

Department	
Engineering	Physics & Astronomy
Biology	Chemistry
Mathematics & Statistics	Computing & Data Sciences

BSc Concentrations: ⑤ - Environmental Science, ③ - Computational Science, ③ - Biomedical Sciences