Mathematics Major
Specialization in Computational Science
Total Credits: 42-48 credits

MATH REQUIRED COURSES (7 COURSES, 24 CREDITS):

MAT 1412, Calculus 1 ( ) _____	4 Credits
MAT 1413, Calculus 2 ( ) _____	4 Credits
MAT 1510, Multivariable Calculus ( ) _____	4 Credits
MAT 2105, Linear Algebra ( ) _____	3 Credits
MAT 2461, Probability Theory ( ) _____	3 Credits
MAT 2462, Mathematical Statistics ( ) _____	3 Credits
MAT 2651, Numerical Analysis (or MAT 2400) ( ) _____	3 Credits

ELECTIVES: (4 COURSES, 12- 16 CREDITS)
Chosen from computer science or advanced mathematics.
Recommended courses include COM 1300, COM 1310, COM 1320, COM 2545, COM 3920

MAT ELECT 1 ( ) _____	3-4 Credits
MAT ELECT 2 ( ) _____	3-4 Credits
MAT ELECT 3 ( ) _____	3-4 Credits
MAT ELECT 4 ( ) _____	3-4 Credits

CORRELATES (2 COURSES, 6-8 CREDITS):
Chosen from computer science, or advanced mathematics, artificial intelligence, data analytics and visualization.

CORR 1 ( ) _____	3-4 Credits
CORR 2 ( ) _____	3-4 Credits

NOTE: Courses within any given major or minor require a grade of a "C-"or better to fulfill its requirement