



## Major: Mathematics, Coding for Musicians and Mathematicians Concentration

### Required Courses:

Course Number	Course Title	Credit Hours
DAT 1200	Data Wrangling	4
MAT 2050	Discrete Mathematics	4
MAT 2060	Calculus I	4
MAT 2070	Calculus II	4
MAT 2080	Calculus III	4
MAT 2160	Linear Algebra	4
MAT 2360	Statistics	4
MAT 2500	Special Topics in Mathematics *	4
MAT 3030	Logic and Set Theory	4
MAT 3050	Differential Equations	4
MAT 3410	Abstract Algebra	4
MAT 3990	Seminar I	2
MAT 4900	Seminar II	2
Choose one of these courses: MAT 3020 MAT 3500	Geometry Intermediate Special Topics in Mathematics	4
Choose one of these courses: MAT 4110 MAT 4500	Real Analysis Advanced Special Topics in Mathematics	4
MUS 1010	Music Theory I	2
MUS 1020	Music Theory II	2
MUS 1230	MIDI (Musical Instrument Digital Interface)	2
MUS 2230	Studio Keyboard and Production I	2

\* The topic for MAT 2500 will be chosen in consultation with the mathematics faculty.

**Total minimal hours = 64 for B.S. degree**