Minor in Mathematics

Departmental Requirements (20 hours)	Department Approved Elective Courses:

Required Courses
 	
    MTH 2300 Calculus I (4 hours)
    MTH 2310 Calculus II (4 hours)
    MTH 2530 Elementary Linear Algebra (3 hours)
 	
Electives
Choose two (2) of the following:
    MTH 2320 Calculus III (4 hours)
    MTH 2330 Differential Equations (3 hours) OR
    MTH 2350 Differential Equations w/ Matrix Algebra (4 hours)
    MTH 2570 Discrete Mathematics for Computing (4 hours)
    MTH 2800 Writing Mathematics Proof (3 hours)
 	
Choose one (1) additional department approved elective from the list to the right.
	MTH 3060 Math Modeling (3 hours)
	MTH 3260 Numerical Methods (3 hours)
	MTH 3320 Complex Variables (3 hours)
	MTH 3330 Partial Differential Equations (3 hours)
	MTH 4070 Optimization Techniques (3 hours)
	MTH 4150 Intro to Scientific Computation (3 hours)
	MTH 4240 Coding Theory (3 hours)
	MTH 4260 Matrix Computations (3 hours)
	MTH 4290 Cryptography & Data Security (3 hours)
	MTH 4310 Real Variables I (3 hours)
	MTH 4320 Real Variables II (3 hours)
	MTH 4510 Modern Algebra I (3 hours)
	MTH 4520 Modern Algebra II (3 hours)
	MTH 4550 Advanced Linear Algebra (3 hours)
	MTH 4570 Combinatorics & Graph Theory (3 hours)
	MTH 4710 Geometry (3 hours)
	MTH 4810 Methods of Applied Math I (3 hours)
	MTH 4820 Methods of Applied Math II (3 hours)
	MTH 4920 Undergraduate Mathematics Seminar (3 hours)
	STT 3600 Applied Statistics I (3 hours)
	STT 3610 Applied Statistics II (3 hours)
	STT 4610 Theory of Statistics I (3 hours)
	STT 4620 Theory of Statistics II (3 hours)
	STT 4660 Statistical Methods I (3 hours)
	STT 4670 Statistical Methods II (3 hours)