Applied Mathematics Minor

Satisfactory completion of at least (12 semester hours) of the following courses will meet the requirements for a minor in mathematics.

MATH 501	Mathematical Statistics I	3
MATH 502	Mathematical Statistics II	3
MATH 511	Real Analysis I	3
MATH 512	Real Analysis II	3
MATH 515	Dynamical Systems	3
MATH 517	Calculus of Finite Differences	3
MATH 522	General Topology I	3
MATH 523	General Topology II	3
MATH 532	Fourier Analysis and Wavelets	3
MATH 533	Linear and Nonlinear Optimization	3
MATH 531	Theory of Matrices	3
MATH 536	Cryptography	3
MATH 537	Theory of Numbers	3
MATH 538	Functions of Complex Variables I	3
MATH 539	Functions of Complex Variables II	3
MATH 543	Abstract Algebra I	3
MATH 544	Abstract Algebra II	3
MATH 546	Numerical Analysis and Elements of Machine Learning	3
MATH 561	Regression Analysis	3
PHYS 517	Mathematical Methods in Physics	3
Total Hours		**12**