MINORS in the Mathematical Sciences Department:

Minor in Mathematics (For students completing secondary certificates, 19 credits)

MATH 152	Calculus I	4
MATH 218	Discrete Mathematics	4
MATH 221	Calculus II	4
MATH 228	Introduction to Linear Algebra	4
or		
MATH 366	Introduction to Abstract Algebra	4
STAT 314	Introductory Statistics for Secondary Teachers	3

Note: For certification in mathematics as a second teaching field, the state of Connecticut requires a minimum of 30 credits in mathematics and an acceptable score on the Praxis II examination.

Minor in Mathematics (Non-teaching, 20 credits)

MATH 152	Calculus I	4
MATH 221	Calculus II	4
MATH 222	Calculus III	4
and two courses selected from:		
MATH 218	Discrete Mathematics	4
MATH 226	Linear Algebra and Probability for Engineers	4
MATH 228	Introduction to Linear Algebra	4
MATH 250	Symbolic Computation	4
MATH 355	Introduction to Differential Equations with Applications	4
MATH 366	Introduction to Abstract Algebra	4
MATH 377	Introduction to Real Analysis	4

Minor in Statistics (21 credits)

STAT 215	Statistics for Behavioral Sciences I	3
STAT 216	Statistics for Behavioral Sciences II	3
CS 151	Computer Science I	3

and 9 credits from the following:

MATH 110	Finite Mathematics	3
MATH 470	Mathematical Methods in Operations Research	3
STAT 455	Experimental Design	3
STAT 456	Fundamentals of SAS	3
STAT 465	Nonparametric Statistics	3
STAT 476	Topics in Statistics	3

and one course chosen from the courses listed above or from:

CS 473	Simulation Techniques	3
BIO 405	Ecology	4
ECON 460	Economic Forecasting	3
ECON 485	Econometrics	3
GEOG 476	Advanced Cartography	3
PSY 222	Research Methods in Psychology II	4
PSY 451	Psychological Evaluation	3

Note: No more than one course may be used in both the student's major program and the minor in statistics.