



COMPLETIBLE REQUIREMENTS

(49 CREDIT HOURS)

AREA I

TAKE THE FOLLOWING COURSES:

MATHEMATICS MAJOR : OPTION 2 (REAL ANALYSIS SEQUENCE)

(38 CREDITS)

MINIMUM 2.00 OVERALL GPA REQUIRED
TAKE THE FOLLOWING COURSES:

(MINIMUM GRADE OF 'C' REQUIRED)

MTH 1126	CALCULUS II	4 HOURS
MTH 2227	CALCULUS III	4 HOURS
MTH 3311	DIFFERENTIAL EQUATIONS	3 HOURS
MTH 3318	INTRO TO ADVANCED MATHEMATICS	3 HOURS
MTH 3331	LINEAR ALGEBRA	3 HOURS
MTH 4424	REAL ANALYSIS I	3 HOURS
MTH 4441	ABSTRACT ALGEBRA I	3 HOURS
STAT 3350	STATISTICAL METHODS & COMPUTATIONS	3 HOURS
STAT 4451	MATHEMATICAL STATISTICS I	3 HOURS
STAT 4452	MATHEMATICAL STATISTICS II	3 HOURS

TAKE SIX (6) HOURS OF UPPER-LEVEL STAT COURSES FROM THE FOLLOWING: 6 HOURS

STAT 3355	SURVEY SAMPLING	3 HOURS
STAT 4459	REGRESSION ANALYSIS	3 HOURS
STAT 4465	CATEGORICAL DATA ANALYSIS	3 HOURS
STAT 4466	DATA MINING	3 HOURS
STAT 4467	EXPERIMENTAL DESIGN	3 HOURS
STAT 4456	MATHEMATICS OF FINANCE	3 HOURS
STAT 4464	MULTIVARIATE ANALYSIS	3 HOURS

MINOR (18 CREDITS)

AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED COMPLETE THIS DEGREE PROGRAM. ADDITIONAL MAJORS ARE ALSO ACCEPTABLE. 18 HOURS

FREE ELECTIVE CREDIT (15 CREDITS)

TAKE 15 SEMESTER HOURS OF FREE ELECTIVE CREDIT. 15 HOURS