MATHEMATICS

MAJOR

MINIMUM COURSES REQUIRED: 11 + CSCI 151

REQUIRED	**SEMESTER TAKEN**
INTRODUCTORY	
1. MATH 111: CALCULUS AND ANALYTIC GEOMETRY I	
OR	
MATH 108: CALCULUS WITH ALGEBRA B	
2. MATH 112: CALCULUS AND ANALYTIC GEOMETRY II	
3. MATH 211: LINEAR ALGEBRA	
4. MATH 212: MULTIVARIATE CALCULUS	
TWO 200-LEVEL COURSES	
MATH 221: DIFFERENTIAL EQUATIONS	
MATH 223: COMBINATORICS & GRAPH THEORY	
MATH 225: MATHEMATICAL MODELING	
MATH 227: OPERATIONS RESEARCH	
MATH 235: NUMERICAL ANALYSIS	
MATH 241: PROBABILITY AND STATISTICS I	
MATH 242: PROBABILITY AND STATISTICS II	
TWO 300-LEVEL COURSES	
MATH 300: INTRODUCTION TO TOPOLOGY	
MATH 302: REAL ANALYSIS I	
MATH 303: REAL ANALYSIS II	
MATH 304: ABSTRACT ALGEBRA I	
MATH 305: ABSTRACT ALGEBRA II	
MATH 306: FUNCTIONS OF A COMPLEX VARIABLE	
ONE OTHER COURSE NUMBERED ABOVE 212	
COMPUTER SCIENCE	
CSCI 151: COMPUTER PROGRAMMING I	
INDEPENDENT STUDY (I.S.)	
10. MATH 451: I. S. THESIS	
11. MATH 452: I. S. THESIS	