

**MATHEMATICS MAJOR COURSES
PREREQUISITES AND FREQUENCY**

(Numbers in parenthesis refer to former course numbers)

REVISED 05/18/2010

MATH 110 Precalculus – Prereq: MATH 024 or CLM Test indicates readiness for Precalculus. (Offered every semester)

MATH 121 Calculus I – Prereq: MATH 110(105), or CLM Test indicates readiness for Calculus I. (Offered every semester)

MATH 122 Calculus II – Prereq: MATH 121(111). (Offered every semester)

MATH 223 Calculus III – Prereq: MATH 122(112). (Offered every semester)

MATH 224 Calculus IV – Prereq: MATH 223. (Offered every semester)

MATH 237 Discrete Structures – Prereq: MATH 110(105), or CLM Test indicates readiness for Calculus I. (Offered every semester)

MATH 245 Numerical Analysis – Prereq: MATH 122(112), MATH 237(217), and CMPS 147. (Offered every other Spring, beginning Spring 2007)

MATH 253 Probability – Pre-or-Co-req: MATH 122(or prereq. 111), and prereq: MATH 237(217). (Offered every Spring)

MATH 262 Linear Algebra – Prereq: MATH 121(111) and MATH 237(217). (Offered every semester)

MATH 282 Number Theory – Prereq: MATH 121(111) and MATH 237(217). (Offered every Spring)

MATH 305 Differential Equations – Prereq: MATH 223(112) and MATH 237(217). (Offered every Fall)

MATH 321 Geometry – Prereq: MATH 262(231). (Offered every Spring)

MATH 353 Statistics – Prereq: MATH 253(251). (Offered every Fall)

MATH 416 Introduction to Analysis – Prereq: MATH 223(211) and MATH 237(217). (Offered every Fall)

MATH 432 Abstract Algebra – Prereq: MATH 262(231). (Offered every Spring)

MATH 441 History of Mathematics –Pre-or-Co-req: MATH 416(311), Pre-or-Co-req: MATH 224, and prereq: MATH 432 (332). (Offered every Fall) [For students who matriculated before Fall 2006: The prereq. of MATH 432 is replaced by pre-or-co-req. MATH 432, or prereq. SMTH 231 (not the new Math 262), and there is no pre-or-co-req. of Math 224]