



**BACHELOR OF ARTS DEGREE CHECK SHEET
MAJOR IN MATHEMATICS
2011-2012**

Last	First	Middle or Maiden	ID#	Date
-------------	--------------	-------------------------	------------	-------------

I. GENERAL EDUCATION (50 hours)

- ENGL 1113
 - ENGL 1213
 - COMM 1113
 - MATH 1513 or above
 - Biological Science (4 hours)
 - Physical Science (4 hours)
 - HIST 1483 or 1493
 - PS 1113
 - Humanities (6 hours)
-
- FAMS 1123, PSY 1113, or SOCI 1113
 - AGRC 1334 or ECON 2013 or
 - GEOG 3023 or CRM 3603
 - Physical Education activities (4 hours) or
 - Military Science (8 hours)

ELECTIVES to complete 50 hours
(No more than 6 hours in any one dept)

IV. MINOR _____ (18 hours)

II. MAJOR IN MATHEMATICS (Minimum 38 hours)

- A. Required Core Courses (29 hours)**
- MATH 2215 Calculus & Analytical Geom I*
 - MATH 2235 Calculus & Analytical Geom II
 - MATH 2244 Calculus & Analytical Geom III
 - MATH 2613 Foundations of Mathematics
 - MATH 3013 Introductory Linear Algebra
 - MATH 3213 Abstract Algebra
 - MATH 3253 Differential Equations
 - MATH 4483 Introduction to Real Analysis

- B. Required Technology Courses (3 hours)**
- MATH 1001 Technology for Mathematics*
 - MATH 3001 Technology for Advanced Math
 - MATH 1001 or 3001
- *No more than 2 hours at the 1000 level

- C. Electives (A minimum of 6 hours from the following)**
- MATH 3302 History of Mathematics
 - MATH 3333 College Geometry
 - MATH 3413 Discrete Mathematical Structures
 - MATH 4113 Intro to Operations Research
 - MATH 4423 Number Theory
 - MATH 4433 Matrix Algebra
 - MATH 4471-3 Seminar in Math
 - MATH 4491-3 Independent Study in Math
 - STAT 3113 Mathematical Statistics I
 - STAT 3123 Mathematical Statistics II

* MATH 2215 has a prerequisite of MATH 1513 and MATH 1613 or MATH 1715 or equivalent. Students who score a 103 or higher on the College Level CPT exam or who score a 24 or higher on the MATH ACT may place into MATH 2215

V. GRADUATION REQUIREMENTS

- Department Requirements
- Liberal Arts & Science (80 hours)
- Minimum 128 credit hours completed
- Minimum 40 credit hours upper division
- Retention GPA 2.0 (C average)
- Cameron GPA 2.0 (C average)
- Complete Graduation Application at Registrar's Office