



BACHELOR OF ARTS DEGREE CHECK SHEET MAJOR IN MATHEMATICS EDUCATION 2008-2009

Last	First	Middle or Maiden	Student 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)
 - ART 1013, ART 2613, ART 2623
 - THTR 1103, FNAR 1013
 - MUSC 1013, MUSC 1023, MUSC 1033, MUSC 1413
 - HIST 2113, HIST 2223, PHIL 1113, PHIL 2213
- PSY 1113
- AGRC 1334 or ECON 2013 or GEOG 3023 or CRM 3603
- Physical Education activities (4 hours) or Military Science (8 hours)

ELECTIVES to total 50 semester hours (Any specific courses listed must be taken as electives to graduate within 124 hours, with no more than 6 hours in any one dept)

- ENGL 3003 or ENGL 3063 or ENGL 3073
- MATH 2215 Calculus & Analytic Geom I*
- _____
- _____
- _____
- _____

Teacher Education admission requirements:

- A grade of "C" or better in ENGL 1113, ENGL 1213, COMM 1113, MATH 1513 or higher, HIST 1483 or 1493, PS 1113 and 2 Humanities.
- A grade of "S" in EDUC 1800.
- Concurrent enrollment OR a grade of "C" or better in EDUC 3003, EDUC 3733, and Science (Biology or Physical Science). **NOTE:** Students concurrently enrolled in EDUC 3003 must provide a grade check of "C" or better. If the student receives a grade below "C" or a grade of "I", the admission to Teacher Education will be revoked, any enrollments in restricted classes for the upcoming semester will be dropped, and the student will have to reapply for admission.
- Passing scores on the Nelson Denny reading test (taken during EDUC 3003) and OGET.
- Maintain a GPA of 2.5 at all times.
- Passing score on EDUC 3003 lesson plan rubric.
- Three positive recommendation forms.
- Satisfactory completion of entry interview.

II. MAJOR IN MATHEMATICS EDUCATION

- A. Required Core Courses (41 hours)**
- MATH 2235 Calculus & Analytic Geom II
 - MATH 2244 Calculus & Analytic Geom III
 - MATH 2613 Foundations of Mathematics
 - MATH 3013 Introductory Linear Algebra
 - MATH 3302 History of Mathematics
 - MATH 3333 College Geometry
 - MATH 4423 Number Theory
 - MATH 4772 Teaching of Secondary Mathematics
 - STAT 3013 Intro Probability & Stat I
 - MATH electives (13 hours) from the following:
 - MATH 3213 Abstract Algebra
 - MATH 3253 Differential Equations
 - MATH 4113 Intro to Operations Research
 - MATH 4471-3 Seminar in Math.
 - MATH 4491-3 Independent Study Math.
 - MATH 4483 Intro to Real Analysis
 - CS 1301 Operating System Utilities I
 - CS 1313 Intro to CS I
 - CS 1523 Discrete Math
 - CS 3343 Numerical Analysis I

- B. Required Education Courses (33 hours)**
- EDUC 1800 Educ Introductory Seminar
 - EDUC 3003 Introduction to Teaching
 - SPED 3103 The Exceptional Child
 - EDUC 3612 Classroom Management++
 - EDUC 3673 Media and Technology in Educ #
 - EDUC 3733 Developmental Psychology
 - EDUC 3753 Educational Psychology +
 - EDUC 4313 Practicum in Assess. & Instruct.+
 - EDUC 4653 Classroom Assessment +
 - EDUC 4965 Dir. Obser. & Internship in Jr. High++
 - EDUC 4975 Dir. Obser. & Internship in Sr. High++
- ++ Courses taken during professional semester.
 + Restricted to those students who have been admitted to Teacher Education.
 # EDUC 3673 satisfies the computer Proficiency requirement

*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.

Mathematics Education candidates must demonstrate foreign language proficiency (listening and speaking) at the novice-high level as defined by the American Council on The Teaching of Foreign Languages by passing a Department of English and Foreign Languages proficiency test or by taking a foreign language course.

III. GRADUATION REQUIREMENTS

- Department Requirements
- Complete Foreign Language Proficiency
- Liberal Arts & Science (80 hours)
- Minimum 124 credit hours completed
- Minimum 40 credit hours upper division
- Cameron Retention GPA 2.0 (Program retention GPA 2.5)
- Cameron Graduation GPA 2.0 (Program graduation GPA 2.5)
- Complete Graduation Application at Registrar's Office