

**NORTHERN ARIZONA UNIVERSITY
 BACHELOR OF SCIENCE IN EDUCATION IN MATHEMATICS
 DEGREE PLAN
 2003-2004**

Note: The degree plan used by the students must be the one in effect at the time the student entered the specific major program, or a later version, regardless of when the student entered NAU.

Student Name _____ NAU ID# _____
 Advisor Name _____
 Date Admitted to Program (requires C or better in MAT 136) _____

STUDENTS MUST CONFER WITH THEIR ASSIGNED ADVISORS AT LEAST ONCE EACH TERM TO ENSURE PROPER COURSE SELECTION AND FULFILLMENT OF REQUIREMENTS.

PART ONE: LIBERAL STUDIES CURRICULUM

I. UC 101 UNIVERSITY COLLOQUIUM (3 hours) Semester Taken _____

II. FOUNDATION STUDIES (4 hours)

A. English (4 hours)

Course	Dept.	No.	Title	Hours	Sem. Taken
	Eng	105	Critical Reading	4	_____

B. Mathematics

Please note that the usual 35 hours for Liberal Studies are reduced to 32 hours for Mathematics Majors, who are exempted from the three-hour Mathematics foundation requirement.

III. DISTRIBUTIONAL REQUIREMENT (25 hours)

A. Lab Science (4 hours)

B. Science and Applied Science (3-6 hours)

C. Social and Political Worlds (3-6 hours)

D. Aesthetic and Humanistic Inquiry (3-6 hours)

E. Cultural Understanding (3-6 hours)

TOTAL HOURS (must be at least 32)

PART TWO: MAJOR REQUIREMENTS

I. MATHEMATICS & STATISTICS CORE (29 hours)

II. MATHEMATICS EDUCATION CORE (9 hours)

Course				Sem.	Course				Sem.
Dept.	No.	Title	Hours	Taken	Dept.	No.	Title	Hours	Taken
MAT	136	Calculus I	4	_____	MAT	301	Intro Sec Math Teaching	3	_____
MAT	137	Calculus II	4	_____	MAT	401	Sec Math Teaching I	3	_____
MAT	226	Discrete Math	3	_____	MAT	402	Sec Math Teaching II	3	_____
STA	270	Applied Stat	3	_____					
MAT	318	Elem. Number Theory	3	_____					
MAT	320W	Foundations of Math	3	_____					
MAT	365	Modern Geometry	3	_____					
MAT	442C	History/Phil of Math	3	_____					
One of MAT 411C or MAT 431C			3	_____					

III. ADDITIONAL MATH/STATISTICS

from MAT 238 or higher

TOTAL MATHEMATICS/STATISTICS HOURS (44 OR MORE) _____

PART THREE: PROFESSIONAL REQUIREMENTS (31 HOURS)

With the exception of EDF 200 and EPS 325, students must be admitted to the Teacher Education Program before taking courses to fulfill these requirements. Students should note that there are additional Arizona certification requirements for the federal and Arizona constitution. The courses listed below *may* be fulfilled using I-STEP (Integrated Secondary Teacher Education Program.)

EDF	200	Introduction to Education	3	_____	MAT	302	Math Ed Practicum	1	_____
EPS	325	Ed Psy In Md Sch&SecEd	3	_____	ECI	450	High School Teach Method	3	_____
ECI	322	Sec. School Curriculum	3	_____	ECI	465	Evaluation of Learning	3	_____
ECI	350	Diversity, Tech. And Lit	3	_____	ECI	495C	Supervised Teaching-Sec	12	_____

TOTAL HOURS _____

PART FOUR: ELECTIVES

Dept.	No.	Title	Hours	Taken
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
TOTAL ELECTIVE HOURS			_____	_____
TOTAL HOURS (minimum of 120)			_____	_____

Verified: _____
 Advisor Name/Signature Chair Name/Signature

A GRADE OF "C" OR HIGHER IS REQUIRED IN EACH MATHEMATICS/STATISTICS COURSE APPLIED TOWARD THIS MAJOR.

STUDENTS IN THIS PROGRAM SHOULD CAREFULLY PLAN THEIR LAST TWO SEMESTERS, ESPECIALLY EDUCATION REQUIREMENTS AND STUDENT TEACHING WELL IN ADVANCE. IT IS NORMALLY NOT POSSIBLE TO TAKE OTHER COURSES DURING THE STUDENT TEACHING SEMESTER. ALSO, CERTAIN REQUIRED COURSES ARE OFFERED ONLY ONCE EACH YEAR. NO MINOR IS REQUIRED FOR THIS PROGRAM.