

UNT DALLAS

Division of Liberal Arts and Life Sciences

Bachelor of Arts Mathematics with Secondary Teacher Certification (2011-2012)

Name: _____

ID #: _____

This plan is an unofficial document used for advisement and graduation processing only.

* Denotes a "Double-Dip" major-core course.

Core Requirements	Courses	Hrs	Progress	Course Requirements	Hrs	Progress
English 6 hours	ENGL 1313D College Writing I ENGL 1323D College Writing II	3 3	— —	Additional Major Requirements		
Math 3 hours	*MATH 1710D Calculus I	4	—	SPAN 2040D Intermediate Spanish I SPAN 2050D Intermediate Spanish II	3 3	— —
Science 6 hours	1. 2. <i>See additional requirements for required science courses. Two of these options will count in the core.</i>	3-4	—	<i>Select one course from each group below:</i>		
		3-4	—	Group I. BIOL 1710/1730 OR GEOG 1710 Group II. CHEM 1410/1430 Group III. BIOL 1710/1730, BIOL 1720-1740, GEOG 1710, CHEM 1420/1440	3-4 4 3-4	— — —
Visual & Performing Arts 3 hours		3	—	Professional Development		
Humanities 3 hours		3	—	EDSE 3800D Professional Issues in Teaching <i>The following courses require admission to the Teacher Education Program:</i>	3	—
History 6 hours	HIST 2610D US to 1865	3	—	EDSE 3830D Teaching/Learning Process & Evaluation	3	—
	HIST 2620D US from 1865	3	—	EDSE 4060D Content Area Reading in Secondary Schools	3	—
Political Science 6 hours	PSCI 1040D State & Local Govt	3	—	EDSE 4070D Teaching Diverse Populations	3	—
	PSCI 1050D American Govt	3	—	EDSE 4840D Instructional Strategies & Classroom Management	3	—
Social/Behavioral Science 3 hours		3	—	EDSE 4108D Student Teaching in the Secondary School	3	—
				*EDSE 4118D Student Teaching in the Secondary School	3	—
Discovery 3 hours		3	—	Elective Requirements		
*Capstone 3 hours		3	—	CSCE 1030D Computer Science I	3	—
				General	3	—
				Elective _____	3	—
				General	3	—
				Elective _____	3	—
	General Elective _____	—	—			
	General Elective _____	—	—			

Major Requirements			
*MATH 1710D	Calculus I	3	—
MATH 1720D	Calculus II	3	—
MATH 2700D	Linear Algebra/Vector Geometry	3	—
MATH 2730D	Multivariable Calculus	3	—
MATH 3000D	Real Analysis I	3	—
MATH 3400D	Number Theory	3	—
MATH 3410D	Differential Equations I	3	—
MATH 3510D	Abstract Algebra I	3	—
MATH 3680D	Applied Statistics	3	—
MATH 4050D	Advanced Study Sec. Curriculum	3	—
MATH 4060D	Foundations of Geometry	3	—

University College Evaluator: _____ Date: _____

Catalog Year: _____

Teaching Field GPA: _____

Professional Development GPA: _____

Math+3350 GPA: _____

UNT GPA: _____

Overall GPA: _____

Graduation Check:

It is the student's responsibility to: 1.) include this sheet with their graduation application; 2.) apply for graduation by the published deadline in the undergraduate catalog; 3.) Meet all requirements for the degree as stated by the University Catalog and official degree plan.

Student's Signature: _____

Date: _____

Faculty Mentor's Approval: _____

Date: _____

Dean's Approval: _____

Date: _____

GRADUATION APPLICATION PROCESSED SIGNATURE: _____ DATE: _____

UNT DALLAS

Division of Liberal Arts and Life Sciences

Bachelor of Arts Mathematics with Secondary Teacher Certification (2011-2012)

Requirements for the Bachelor of Science degree with a major in Mathematics include the following:

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of all degree requirements for the Bachelor of Arts degree.
2. **Other Requirements:**
 - a. **Admission to the Teacher Education Program:** Prior to enrolling in designated Teacher Education courses, students must meet these requirements:
 - 60 credit hours (junior status)
 - A 2.75+ overall GPA AND 2.75+ UNT GPA.
 - Pass the THEA test with minimum scores of: 240 Reading, 230 Math, 220 Writing
 - Degree plan completed
 - Completed application for admission to the Teacher Education program.
 - b. **Early Field Experience and Student Teaching:** Early Field Experience, EDSE 4840D, is to be completed with or after the last EDSE courses are taken (except for student teaching). Student teaching is to be completed in the final semester. Students must apply in advance for both EDSE 4840D and student teaching.
 - c. **GPA requirements:** Students must have a 2.75+ GPA in the UNT, Overall, Professional Development and Teaching Field Areas. A 2.0 GPA is also required for all mathematics courses numbered above MATH 3350.
 - d. **Foreign Language Requirements:** Students are required to complete 6 hours of Intermediate Foreign Language credit.
 - e. **Science requirements:** Students required to complete a minimum of 3 science courses. Refer to the other side of this worksheet for science options.
 - f. **Grade requirements:** All EDSE courses must be completed with a grade of C or higher.
 - g. **Eligibility for Teacher Certification and Endorsements:** In order to receive recommendation for teacher certification through UNT, students must:
 - Complete an approved teacher education program for the preparation of early childhood, middle grades, secondary or all level
 - Complete Early Field Experience and student teaching.
 - Pass appropriate content and Pedagogy and Professional Responsibilities (PPR) sections of the Texas Examinations of Education Standards (TEXES). Additional certification exams may be required. See an advisor for more information.

Frequently Asked Questions

Is Spanish required?

Math majors are not limited to Spanish as a foreign language option, however UNT Dallas offers Spanish as its foreign language option. The major requires that you complete 6 hours of an intermediate foreign language. If a student has transfer, CLEP or AP credit for another language, that language can be used language to fulfill requirements.

What if beginner foreign language courses are needed before moving to the intermediate courses? They aren't listed on the worksheet.

Beginner foreign language courses can be used as elective credits.

Can students take sciences courses other than those listed on my transfer guide/degree worksheet?

The Math major requires specific sciences. If a student has taken other science courses prior to transferring, an advisor will inform students if those courses can be used to meet degree requirements. Check with an advisor for questions about science courses.

Is the THEA test required?

Most students need the THEA test to be admitted to the Teacher Education Program. There are limited exemptions from the THEA and they are based on: TAAS/TAKS, ACT and SAT scores. Not all University exemptions can exempt students from the THEA test for Teacher Education. Check with an advisor for details.

What is Early Field Experience and student teaching?

Students will take EDSE 4840 for their Early Field Experience, which requires 55 hours of observation as well as assigned coursework. Student teaching will take place in the final semester. Students will be placed in a school full time during school hours from Monday through Friday.

What certification exams are required?

#1 *Pedagogy and Professional Responsibilities (PPR)* – 8-12 This test will cover knowledge of good teaching practices and the ways in which a professional teacher should behave in school settings.

#2 *Content area* – Mathematics. The test will cover knowledge of the subject taught as a professional teacher in a school setting.

Are there prerequisites for Calculus I? They aren't listed on the worksheet.

Students who are not ready to place in to Calculus may need College Algebra and/or Pre-calculus as prerequisites. These math courses can count as elective hours since they are not part of the degree plan.

How are course prerequisites found?

Course prerequisites can be found in the course descriptions of the university catalog. They can also be found by looking at course information on my.unt.edu.