Bachelor of Arts (BA)

Mathematics (with Secondary Teacher Certification)

Requirements for the Bachelor of Arts degree with a major in Mathematics and Secondary Teacher Certification 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** a 2.75+ UNT GPA.
      - Pass the THEA test with minimum scores of: 240 Reading, 230 Math, 220 Writing
   b. **Mathematics Core Courses:** MATH 1710D, MATH 1720D, MATH 2700D, MATH 2730D.
   c. **Required Math Courses:** MATH 3000D, MATH 3400D, MATH 3410D, MATH 3510D, MATH 3680D, MATH 4050D, MATH 4060D,.
   d. **Three lab science courses from:** BIOL 1710D/1720D, BIOL 1730D/1740D, CHEM 1410D/1430D, CHEM 1420D/1440D, PHYS 1210D, and PHYS 1710D/1730D.
   e. **Computer Programming:** CSCE 1030D.
   f. **Intermediate Foreign Language:** 6 hours.
   g. **Secondary Certification Requirements:** EDSE 3800D, EDSE 3830D, EDSE 4060D, EDSE 4070D, EDSE 4840D (Early Field Experience (PDS I)), EDSE 4108D and EDSE 4118D (PDS II) (Student teaching is to be completed in the final semester). These courses must be completed with a minimum grade of "C."
   h. **GPA requirements:** Students must have a 2.75+ GPA in UNTD, Overall, Teaching Field, and Education areas. All mathematics courses numbered 3350 or above require a GPA of 2.0.

3. **Eligibility for Teacher Certification and Endorsements:**
   - Complete an approved teacher education program for the preparation of early childhood, middle grades, secondary, or all levels.
   - Complete Student Teaching.
   - Pass appropriate content (Mathematics 8-12) and Pedagogy and Professional Responsibilities (PPR (EC-12)) sections of the Texas Examinations of Education Standards (TExES).
   - Additional certification exams may be required. See advisor for more information.

Suggested Academic Plan

This is a suggested academic plan. Students may make adjustments and consult the current Undergraduate Catalog for course prerequisites.

First Year

Fall	Spring
ENGL 1313D	TECM 2700D*
PSCI 1040D	PSCI 1050D
{MATH 1710D}	MATH 1720D
CSCE 1030D	ART 1300D
COMM 1010D	SOCI 1510D*
17	15

Second Year

Fall	Spring
SPAN 1010D	SPAN 1020D
ENGL 2210D	MATH 3680D
General Elective	MATH 2730D
HIST 2610D	HIST 2620D
CHEM 1410/1430D	BIOL 1710/1730D
17	17

Third Year

Fall	Spring
	MATH 3410D
MATH 2700D	MATH 3400D
MATH 3000D	EDSE 3830D^
EDSE 3800D	EDSE 4060D^
SPAN 2040D	MATH 3510D
General Elective	SPAN 2050D
15	18

Fourth Year

Fall	Spring
MATH 4050D	
MATH 4060D	
EDSE 4070D^	
EDSE 4840D^	*EDSE 4108D
BIOL 1720/1740D*	*EDSE 4118D
16	6

Denotes classes that satisfy a requirement where there may be other class choices available, please see the current catalog for full course list.
^ Denotes classes that require admission to the Teacher Education program.

University of North Texas at Dallas
Division of Liberal Arts & Life Sciences
Bachelor of Arts (BA) Mathematics with Secondary Teacher Certification

General (Core) Requirements (42 hours)   Semester Offered

____	ENGL 1313D- Computer Assisted College Writing I	3 hours	F/Sp
____	TECM 2700D- Technical Writing*	3 hours	F/Sp
____	PSCI 1040D- American Government: Laws & Institutions	3 hours	F/Sp
____	PSCI 1050D- American Government: Process & Policies	3 hours	F/Sp
____	ART 1300D- Art Appreciation	3 hours	F/Sp
____	{MATH 1710D- Calculus I}	4 hours	F/Sp
____	BIOL 1710/1730D- Principles of Biology I	4 hours	F/Sp
____	HIST 2610D- US History to 1865	3 hours	F/Sp
____	HIST 2620D- US History from 1865-Present	3 hours	F/Sp
____	CHEM 1410/1430D- General Chemistry I	4 hours	F/Sp
____	ENGL 2210D or 2220D- World Literature*	3 hours	F/Sp
____	SOCI 1510D- Individuals in Society*	3 hours	F/Sp
____	COMM 1010D- Intro to Communications	3 hours	F/Sp

Major Requirements (30 hours)   Semester Offered

____	MATH 1720D- Calculus II	3 hours	F/Sp
____	MATH 2700D- Linear Algebra and Vector Geometry	3 hours	F
____	MATH 2730D- Multivariable Calculus	3 hours	Sp
____	MATH 3000D- Real Analysis I	3 hours	F
____	MATH 3400D- Number Theory	3 hours	Sp
____	MATH 3410D- Differential Equations I	3 hours	Sp
____	MATH 3510D- Abstract Algebra I	3 hours	F
____	MATH 3680D- Applied Statistics	3 hours	Sp
____	MATH 4050D- Advanced Study of the Secondary Curriculum	3 hours	F
____	MATH 4060D- Foundations of Geometry	3 hours	F

Additional Major Requirements (18 hours)   Semester Offered

____	SPAN 1010D- Elementary Spanish I	4 hours	F/Sp
____	SPAN 1020D- Elementary Spanish II	4 hours	F/Sp
____	SPAN 2040D- Intermediate Spanish I	3 hours	F
____	SPAN 2050D- Intermediate Spanish II	3 hours	Sp
____	BIOL 1720/1740D- Principles of Biology II*	4 hours	Sp

Secondary Education courses (21 hours)   Semester Offered

____	EDSE 3800D- Legal, Org., & Professional Issues in Teaching	3 hours	F
____	EDSE 3830D- Teaching/Learning Process & Evaluation^	3 hours	Sp
____	EDSE 4060D- Content Area Reading in Secondary Schools^	3 hours	Sp
____	EDSE 4070D- Teaching Diverse Populations^	3 hours	F
____	EDSE 4840D- Instructional Strategies & Classroom Mgmt. ^	3 hours	F
____	EDSE 4108D- Student Teaching in the Secondary School^	3 hours	F/Sp
____	EDSE 4118D- Student Teaching in the Secondary School^	3 hours	F/Sp

Elective Requirements (10 hours)   Semester Offered

____	CSCE 1030D- Computer Science I	4 hours	F
____	General Elective	3 hours	F/Sp
____	General Elective	3 hours	F/Sp

Any Mathematics course that is not a part of the Major requirement can be considered an elective.

*Denotes classes that satisfy a requirement where there may be other class choices available, please see the current catalog for full course list.
^ Denotes classes that require admission to the Teacher Education program.
{ } Denotes "double-dip" courses which count for both core and major.

EDSE courses and their transfer equivalents or substitutes must be completed with a grade of C or better in order to advance to PDS I and II.

Faculty Coordinator/Mentor:
Dr. Ali Shaqlaih
972-338-1569
Ali.Shaqlaih@unt.edu
Founder's Hall, Room 227