

Mathematics (with 7-12 Certification) (Bachelor of Arts)

Use the checksheet as a guide for selecting classes and refer to your Degree Audit to review and monitor degree and graduation requirements.

NAME: _____

UNT ID Number: _____

Core Curriculum Recommendations – 42 Hours

Core Requirements	TCCNS #	UNTD #	Course	Hrs	Grade	Course/Term
Communication 1	ENGL 1301	ENGL 1313	College Writing I *(C or better required)	3		
Communication 2	Varies	Varies	Any Course in Foundation Area	3		
Mathematics	MATH 1314	MATH 1100	College Algebra	3		
Life & Physical Sciences 1	GEOL 1401	GEOG 1710	Earth Science	3		
Life & Physical Sciences 2	CHEM 1411	CHEM 1410/30	General Chemistry I Lecture & Lab	3/1		
Language, Philosophy, & Culture	Varies	Varies	Any Course in Foundation Area	3		
Creative Arts	Varies	Varies	Any Course in Foundation Area	3		
American History 1	HIST 1301	HIST 2610	US History to 1865	3		
American History 2	HIST 1302	HIST 2620	US History 1865 to Present	3		
Government & Political Science 1	GOVT 2305	PSCI 1040	American Government: Laws & Institutions	3		
Government & Political Science 2	GOVT 2306	PSCI 1050	American Government: Process & Policy	3		
Social & Behavioral Science	TECA 1354	DFST 1013	Human Development	3		
Component Area 1	Varies	Varies	Any Course in Foundation Area	3		
Component Area 2	Varies	Varies	Any Course in Foundation Area	3		

Major Curriculum Requirements – 37 Total Hours

**Must maintain a Major GPA of 2.5 or better*

Math Major Requirements (37 Hours)

TCCNS #	UNTD #	Course Name	Hrs	Grade	Course/Term
MATH 2413	MATH 1710	Calculus I *Prerequisite MATH 1600	4		
MATH 2414	MATH 1720	Calculus II *Prerequisite MATH 1710	3		
MATH 2305	MATH 2000	Discrete Math *Co-requisite MATH 1710	3		
MATH 2318	MATH 2700	Linear Algebra *Prerequisite MATH 1720	3		
MATH 2415	MATH 2730	Multivariable Calculus *Prerequisite MATH 1720	3		
UNTD only	MATH 3000	Real Analysis I *Prerequisite MATH 1720, 2000	3		
UNTD only	MATH 3400	Number Theory *Prerequisite MATH 2000	3		
UNTD only	MATH 3410	Differential Equations *Prerequisite MATH 1720, 2000	3		
UNTD only	MATH 3510	Abstract Algebra *Prerequisite MATH 3000	3		
UNTD only	MATH 3680	Applied Statistics *Prerequisite MATH 1720	3		
UNTD only	MATH 4060	Foundations in Geometry *Prerequisite MATH 3000	3		
UNTD only	MATH 4050	Advanced Study of the Secondary Curriculum *Prerequisite MATH 3000	3		

Additional Requirements – 44 Total Hours

Science and Language Requirements (20 Hours)

TCCNS #	UNTD #	Course Name	Hrs	Grade	Course/Term
GEOL 1401	GEOG 1710	Choose 1: Earth Science	3		
BIOL 1406	BIOL 1710/30	Biology for Science Majors I Lecture & Lab	3/1		
CHEM 1411	CHEM 1410/30	Choose 1: General Chemistry I Lecture & Lab	3/1		
PHYS 1411	PHYS 1410/30	General Physics I Lecture & Lab	3/1		
Varies	Varies	Any Core Fulfilling Lab Science	3		
SPAN 2311	SPAN 2040	Intermediate Spanish I *Prerequisite SPAN 1010, 1020	3		
SPAN 2312	SPAN 2050	Intermediate Spanish II *Prerequisite SPAN 2040	3		
COSC 1436	CSCE 1030	Computer Science I *Co-requisite MATH 1600	4		

7-12 Certification Courses (24 hours)

TCCNS #	UNTD #	Course Name	Hrs	Grade	Course/Term
TECA 1354	DFST 1013	Human Development	3		
UNTD only	EDUC 3320	Foundations of Education	3		
UNTD only	EDBE 3480	Bilingualism/Multiculturalism	3		
UNTD only	EDSE 4060	Content Area Reading in Secondary Schools	3		
UNTD only	EDSP 4340	Classroom & Behavior Mgmt. Strategies (Clinical I)	3		
UNTD only	EDSE 4840	Instructional Strategies & Classroom Mgmt. (Clinical I)	3		
UNTD only	EDUC 4200	Student Teaching (Clinical II)	6		

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Electives/Minor – Not required (However, Additional hours may be required based on coursework completed above. 120+ total hours needed for graduation)

General Electives

Course	Hrs	Grade	Course/Term
Minor, Certificate or General Elective 3XXX or 4XXX (if needed)	3		
Minor, Certificate or General Elective 3XXX or 4XXX (if needed)	3		

UNT Dallas Degree Requirements:

Requirement	Complete
120 hours (minimum) required for degree completion	
Residency Requirement – At least 30 hours must be completed at UNT Dallas	
42 Advanced Hours (3XXX or 4XXX) – 24 advanced hours must be completed at UNT Dallas	
UNT Dallas GPA 2.75 or higher required	
Cumulative GPA 2.75 or higher required	
MATH GPA 2.0 or higher required ("C" or better required in all MATH Courses Numbered Above 3350)	
Certification GPA 2.75 or higher ("C" or better required in all Certification Courses)	

BA in Mathematics Suggested 4-Year Plan

Semester 1
ENGL 1313
MATH 1100
PSCI 1040
BIOL 1710/30
ART 1300

Semester 2
ENGL 1323
MATH 1600
PSCI 1050
GEOG 1710
DFST 1013

Semester 3
HIST 2610
MATH 1710
CHEM 1410/30
SPAN 1010
LING 2050

Semester 4
HIST 2620
SPAN 1020
MATH 1720
MATH 2000
CSCE 1030

Semester 5
SPAN 2040
MATH 2700
MATH 3000
EDBE 3480
EDSP 2310

Semester 6
MATH 2730
MATH 3410
MATH 3680
SPAN 2050
EDUC 3320

Semester 7
MATH 3400
MATH 4060
MATH 4050
EDSE 4060
EDSP 4340

Semester 8
MATH 3510
EDSE 4840
EDUC 4200