

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 |
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