

Bachelor of Arts (BA) in Mathematics (with Secondary Teacher Certification) requirements

General (Core) Requirements

		<u>Semester Offered</u>
___ ENGL1313 Computer Assisted College Writing I	3 hours	FA/SP
___ ENG1323 Computer Assisted College Writing II	3 hours	FA/SP
___ PSCI 1040 American Government: Laws & Institutions	3 hours	FA/SP
___ PSCI 1050 American Government: Process & Policies	3 hours	FA/SP
___ ART 1300 Art Appreciation	3 hours	FA/SP
___ Mathematics MATH1600 (or higher)	3 hours	FASP
___ *Natural Sciences BIOL 1710/1730 Principles of Biology I	4 hours	FASP
___ *Natural Sciences CHEM 1410/1430 General Chemistry I	4 hours	FA/SP
___ HIST 2610 US History to 1865	3 hours	FA/SP
___ HIST 2620 US History from 1865-Present	3 hours	FA/SP
___ Language, Philosophy & Culture (LING 2050)	3 hours	FA/SP
___ *Social and Behavioral Sciences (DFST 1013)	3 hours	FASP
___ *Component Area (SPAN 1010)	3 hours	FA/SP
___ *Component Area (EDSP 2310)	3 hours	FA/SP

Math Courses

		<u>Semester Offered</u>
___ MATH 1600 Trigonometry (or equivalent)	3 hours	FA/SP
___ MATH1710 Calculus I	4 hours	FA/SP
___ MATH 1720 Calculus II	3 hours	FA/SP
___ MATH 2700 Linear Algebra and Vector Geometry	3 hours	FA
___ MATH 2000 Discrete Mathematics	3 hours	SP
___ MATH 2730 Multivariable Calculus	3 hours	SP
___ MATH 3000 Real Analysis I	3 hours	FA
___ MATH 3400 Number Theory	3 hours	FA
___ MATH 3410 Differential Equations I	3 hours	SP
___ MATH 3510 Abstract Algebra I	3 hours	SP
___ MATH 3680 Applied Statistics	3 hours	SP
___ MATH 4050 Advanced Study of the Secondary Curriculum	3 hours	FA
___ MATH 4060 Foundations of Geometry	3 hours	FA

Education Courses

		<u>Semester Offered</u>
___ *DFST 1013 Human Development	3 hours	FA/SP
___ EDUC 3320 Foundations of Education	3 hours	FA/SP
___ ED BE 3480 Bilingualism/Multiculturalism Education	3 hours	FA/SP
___ EDSE 4060 Content Area Reading in Secondary Schools	3 hours	FA/SP
___ EDSP 4340 Classroom & Behavior Management Strategies (Clinical I)	3 hours	FA/SP
___ EDSE 4840 Instructional Strategies & Classroom Management (Clinical I)	3 hours	FA/SP
___ EDUC 4200 Student Teaching (Clinical II)	6 hours	FA/SP

Science Courses

Select one course from each group below

		<u>Semester Offered</u>
___ *Group I. BIOL1710/1730 OR GEOG1710	4 hours	FA/SP
___ *Group II. CHEM1410/1430 OR PHYS 1710/1730	4 hours	FA/SP
___ Group III. Any other Lab Science from the CORE choices	4 hours	FA/SP

Additional Courses (13 hours)

		<u>Semester Offered</u>
___ *SPAN 1010	3 hours	
___ SPAN 1020	3 hours	
___ SPAN 2040 Intermediate Spanish I (Required)	3 hours	FA
___ SPAN 2050 Intermediate Spanish II (Required)	3 hours	SP
___ CSCE 1020 or 1030 Computer Science I (Required)	4 hours	FA

Faculty Coordinator/Mentor: Dr. Ali Shaqlaih, 972-338-1569, ali.shaqlaih@untDallas.edu, Founders Hall, 227

- Hours required and General/College Requirements: A minimum of 120. 42 must be advanced.
- Program may result in 123 semester hours, depending on beginning math level. Algebra is not required if a student tests into a higher level.
- GPA requirements: 2.0 on all Mathematics Courses numbered above Math 3350. A 2.75 for UNTD, Overall, teaching field and Educ. courses.
- Grade Requirements: All courses and their transfer equivalents/substitutions must be completed with a grade of C or better to advance to Clinical I and II