**BACHELOR OF SCIENCE IN MATHEMATICS (Pure Math) with UTeach Option - 123 hours**

**RECOMMENDED COURSE SEQUENCE - EFFECTIVE Fall 2014**

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|  | **Fall** | **Spring** | **Summer** |
| **Freshman Year** | **Fall – 16 hours**UNIV 1010/NATS 1101 Freshman SeminarRHET 1302 Rhetoric/Composition II MATH 2417 Calculus I HIST 1301 U.S. History to Civil War CS 1336/1136 Programming Fundamentals/Lab  (Free Elective)NATS 1141 STEP 1(Free Elective) | **Spring – 16 hours**MATH 2419 Calculus II MATH 2418 Linear Algebra PHYS 2325 Mechanics and Heat PHYS 2125 Physics Lab 1 CS 1337 Computer Science INATS 1143 STEP 2 (Free Elective) | **Summer – 3 hours**GOVT 2305 American Government  |
| **Sophomore Year** | **Fall – 14 hours**MATH 2451 Multivariable Calculus PHYS 2326 Electromagnetism and Waves PHYS 2126 Physics Lab II HIST 1302 U.S. History from Civil War NATS 3341 Knowing & Learning (Upper-Level Free Elective) | **Spring – 16 hours**MATH 3310 Theoretical Concepts of CalculusMATH 2420 Differential EquationsMATH 3321 GeometryCOMM 1311 Survey of Oral & Tech-Based CommNATS 3343 Classroom Interactions (Upper-Level Free Elective) | **Summer – 3 hours**GOVT 2306 Texas Government  |
| **Junior Year** | **Fall – 15 hours**MATH 3311 Abstract Algebra IMATH 4301 Math Analysis ISTAT 4351 ProbabilityHIST 3327 Perspectives (Upper-Level Free Elective)MATH 3303 Math Modeling (Upper-Level Free Elective) | **Spring – 15 hours**MATH 3312 Abstract Algebra IIMATH 3379 Complex VariablesMATH 4302 Math Analysis IISocial and Behavioral Science (3 SCH)NATS 4390 Research Methods (Upper-Level Free Elective) | **Summer – 3 hours**Language, Philosophy, & Culture (3 SCH) |
| **Senior Year** | **Fall – 15 hours**MATH 4334 Numerical AnalysisMATH 4341 TopologyUpper-Level Guided Math Elective (3 SCH)Creative Arts (3 SCH)NATS 4341 Project-Based Instruction (Upper-Level Free Elective) | **Spring – 7 hours**NATS 4694/4696 Apprentice Teaching (Upper-Level Elective)NATS 4141 Apprentice Teaching Seminar (Upper-Level Free Elective) |  |