**BACHELOR OF SCIENCE IN ACTUARIAL SCIENCE with UTeach Option**

**RECOMMENDED COURSE SEQUENCE, EFFECTIVE Fall 2014**

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|  | **Fall** | **Spring** | **Summer** |
| **Freshman Year** | **Fall – 16 hours**UNIV 1010/NATS 1101 Freshman SeminarMATH 2413 Differential CalculusCHEM 1311/1111 General Chemistry I/LabACCT 2301 Intro Financial AccountingRHET 1302 RhetoricNATS 1141 Step 1  | **Spring – 16 hours**MATH 2414 Integral CalculusMATH 2418 Linear AlgebraCHEM 1312/1112 General Chemistry II/LabECON 2301 MacroeconomicsNATS 1143 Step 2 | **Summer – 7 hours**HIST 1301 U.S. History to the Civil WarCS 1336/1136 Programming Fund./Lab |
| **Sophomore Year** | **Fall – 16 hours**MATH 2415 Calculus of Several VariablesACCT 2302 Intro Management AccountingECON 2302 MicroeconomicsCOMM 1311 Survey of Oral & Tech-Based CommNATS 3341 Knowing and Learning  | **Spring – 16 hours**MATH 2451 Multivariable CalculusMATH 3321 GeometryBCOM 3310 Business CommunicationsMIS 3300 Intro. to Mgmt. Information SystemsNATS 3343 Classroom Interactions  | **Summer – 7 hours**MATH 2420 Differential EquationsCS 1337 Computer Science I |
| **Junior Year** | **Fall – 15 hours**MATH 3310 Theoretical Concepts of CalculusSTAT 3355 Data Analysis for Stat. & Acts.STAT 4351 ProbabilityFIN 3320 Business FinanceACTS 4308 Actuarial Financial Mathematics | **Spring – 15 hours**ACTS 4301 Life Contingencies ISTAT 4352 Mathematical StatisticsSTAT 4382 Stochastic ProcessesFIN 3390 Intro to Financial ModelingNATS 4390 Research Methods  | **Summer – 6 hours**GOVT 2305 American GovernmentLanguage, Philosophy, & Culture (3 SCH) |
| **Senior Year** | **Fall – 15 hours**MATH 4334 Numerical AnalysisACTS 4302 Financial Economics FIN 4300 Investment ManagementHIST 1302 U.S. History from the Civil WarMATH 3303 Math Modeling | **Spring – 15 hours**MATH 3311 Abstract Algebra IMATH 3379 Complex VariablesACTS 4304 Construction & Eval. of ACTS ModelsNATS 4341 Project-Based Instruction HIST 3327 Perspectives  | **Summer – 6 hours**GOVT 2306 Texas GovernmentCreative Arts (3 SCH) |
| **Student Teaching** | **Fall – 7 hours**NATS 4694(96) Student Teaching NATS 4141 Student Teaching Seminar |  |  |