**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 Seminar  MATH 2413 Differential Calculus  CHEM 1311/1111 General Chemistry I/Lab  ACCT 2301 Intro Financial Accounting  RHET 1302 Rhetoric  NATS 1141 Step 1 | **Spring – 16 hours**  MATH 2414 Integral Calculus  MATH 2418 Linear Algebra  CHEM 1312/1112 General Chemistry II/Lab  ECON 2301 Macroeconomics  NATS 1143 Step 2 | **Summer – 7 hours**  HIST 1301 U.S. History to the Civil War  CS 1336/1136 Programming Fund./Lab |
| **Sophomore Year** | **Fall – 16 hours**  MATH 2415 Calculus of Several Variables  ACCT 2302 Intro Management Accounting  ECON 2302 Microeconomics  COMM 1311 Survey of Oral & Tech-Based Comm  NATS 3341 Knowing and Learning | **Spring – 16 hours**  MATH 2451 Multivariable Calculus  MATH 3321 Geometry  BCOM 3310 Business Communications  MIS 3300 Intro. to Mgmt. Information Systems  NATS 3343 Classroom Interactions | **Summer – 7 hours**  MATH 2420 Differential Equations  CS 1337 Computer Science I |
| **Junior Year** | **Fall – 15 hours** MATH 3310 Theoretical Concepts of Calculus  STAT 3355 Data Analysis for Stat. & Acts.  STAT 4351 Probability  FIN 3320 Business Finance  ACTS 4308 Actuarial Financial Mathematics | **Spring – 15 hours** ACTS 4301 Life Contingencies I  STAT 4352 Mathematical Statistics  STAT 4382 Stochastic Processes  FIN 3390 Intro to Financial Modeling  NATS 4390 Research Methods | **Summer – 6 hours**  GOVT 2305 American Government  Language, Philosophy, & Culture (3 SCH) |
| **Senior Year** | **Fall – 15 hours**  MATH 4334 Numerical Analysis  ACTS 4302 Financial Economics  FIN 4300 Investment Management  HIST 1302 U.S. History from the Civil War  MATH 3303 Math Modeling | **Spring – 15 hours**  MATH 3311 Abstract Algebra I  MATH 3379 Complex Variables  ACTS 4304 Construction & Eval. of ACTS Models  NATS 4341 Project-Based Instruction  HIST 3327 Perspectives | **Summer – 6 hours**  GOVT 2306 Texas Government  Creative Arts (3 SCH) |
| **Student Teaching** | **Fall – 7 hours**  NATS 4694(96) Student Teaching  NATS 4141 Student Teaching Seminar |  |  |