

ACTUARIAL PROGRAM AT TEXAS CHRISTIAN UNIVERSITY

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History

- ✦ Actuarial concentration first offered in Fall 2001
- ✦ TCU program planned with guidance from Dr. Jim Daniel of UT Austin
- ✦ Added minor in Actuarial Mathematics in Fall 2010

Degree Plan

- ✦ Actuarial concentration offered as an option on the Math BA or BS degree plans
- ✦ Minimum of 34 hours in Math, 12 hours in Economics, and 9 hours in Accounting and Finance
- ✦ TCU liberal arts core required of all students

Mathematics Courses

- ✦ Calculus 1, 2, and 3
- ✦ Linear Algebra
- ✦ Discrete Math
- ✦ Probability
- ✦ Statistics
- ✦ Interest Theory 1 and 2 (Exam FM)
- ✦ Actuarial Mathematics (Exam P)

Economics Classes

- ✦ Introductory Macroeconomics
- ✦ Introductory Microeconomics
 - ✦ VEE for Economics
- ✦ Intermediate Macroeconomics
- ✦ Intermediate Microeconomics
- ✦ Econometrics
 - ✦ VEE for Stats - Regression

Business Classes

- ✦ Principles of Financial Accounting
- ✦ Principles of Managerial Accounting
- ✦ Financial Management
 - ✦ VEE for Corporate Finance
- ◎ Actuarial students are encouraged to minor in Economics and/or Business

Actuarial Mathematics Minor

- ✦ Appeals to Economics or Finance majors
- ✦ Requires 18 hours in Math and 6 hours in Economics
- ✦ Minor includes Calculus 1, 2, and 3 together with a two-course sequence to prepare for either Exam P or Exam FM

Student Population

- ✦ There are currently 45 actuarial majors and 10 actuarial minors
- ✦ Typical enrollment in Interest Theory is 30 students
- ✦ Freshman enrollment is rising

Student Activities

- ✦ Resume Workshops
- ✦ Student Internships
- ✦ Actuarial Club
- ✦ SWAF Annual Scholarship recipient
- ✦ Developing TCU Actuarial Alumni Network

Actuarial Club

✦ Presentations by actuarial firms

- ✦ Advocate Reinsurance
- ✦ Aon
- ✦ EY
- ✦ Fidelity
- ✦ Lewis and Ellis
- ✦ Mercer
- ✦ National Life Group
- ✦ October Three
- ✦ Texas Farm Bureau Insurance
- ✦ Towers Watson
- ✦ USAA
- ✦ US Health
- ✦ Wellington Insurance

✦ Career Services workshops

Actuarial Employers

- ✦ Career Services office coordinates job listings on FrogJobs
 - ✦ Contact Celeste Lindell at c.lindell@tcu.edu
- ✦ Students submit resumes for annual Actuarial Program Resume Book
 - ✦ Companies can receive a copy of this book electronically

THANK YOU!

We would love to have you offer a career presentation to TCU actuarial students.

Please contact Dr. Staples at s.staples@tcu.edu