RISK MANAGEMENT

FINANCE AND RISK MANAGEMENT
Finance is a business discipline that prepares students for a variety of corporate roles and financial professions. These areas address present-time decision making for uncertain future outcomes.

In the investments area, this activity involves the measurement of the risk and the return associated with investments along with the decision making for the investment of savings. In the insurance area, this activity involves the measurement and value assessment of uncertain events that effect the normal activity of individuals and organizations.

The identification, analysis, assessment, control, avoidance, minimization, and/or the elimination of unacceptable risks is risk management.

ACTUARIAL SCIENCE AND ACTUARIES
Actuarial science and role of actuaries is essential to effective risk management. Actuaries work for companies in a range of fields, particularly insurance and pension funds, to analyze the potential for undesirable events to occur and helping to plan for those events.

Actuaries are generously compensated and certified in their field through intense education and experience. To become certified, they must demonstrate their competence by passing a series of professional examinations.

RISK MANAGEMENT
The risk management concentration is heavily quantitative and includes a number of interrelated subjects, including mathematics, probability theory, statistics, finance, economics, and business analytics. The courses – including risk management concentration courses and actuarial exam preparation – provide the knowledge to prepare students for actuarial success.

The risk management program at COBA is built around pedagogical strategy and tactical planning, employing lab-based data integration. Digital integration applies actuarial science and financial modeling through the use of computer software to real-world data, so that students are prepared to perform on the job from day one.

This approach encourages students to interact with each other to improve their understanding of the material, and to interact with insurance industry professionals to engage in internships and mentoring. This apprentice-like format is implemented through the College’s Prudential Risk Management Academy.

CAREER OPPORTUNITIES
Risk Management Fields:
- Health Insurance
- Life Insurance
- Property & Casualty
- Pension & Retirement
- Enterprise Risk

**Actuarial Roles:
- Modeling
- Pricing
- Auditing

**Job titles:
- Actuarial Analyst
- Assistant Actuary
- Actuarial Associate

**Exam Certification Required

INTERNSHIP PROGRAM
The Department of Economics and Finance internship program enables students to gain valuable practical experience outside the classroom.
COMM 1611 Written and Oral Communication
RWS 1301 Rhetoric & Composition I
RWS 1302 Rhetoric & Composition II
RWS 1601 Rhetoric, Composition, Comm.
ESOL 1311 Expository English Composition
ESOL 1312 Research & Critical Writing

Mathematics
Required course for degree
MATH 1411 Calculus I

HIST 1301 History of U.S. to 1865
HIST 1302 History of U.S. Since 1865

PHIL 2306

ASTR 1107, 1307, 1308
BIOL 1103, 1104, 1107, 1108, 1203, 1304, 1305, 1306, 2111, 2113, 2313
CHEM 1105, 1106, 1305, 1306, 1407, 1408
ESCI 1101, 1102, 1301
GEOG 1106, 1306
GEOL 1103, 1104, 1111, 1112, 1211, 1212, 1230, 1231, 1313, 1314
HSCI 2302, 2303; MICR 2330
PHYS 1403, 1404, 2420, 2421

POLS 2310 Introduction to Politics
POLS 2311 American Government & Politics

ART 1300; ARTH 1305, 1306; FILM 1390; MUSL 1327, 1324, 1321; THEA 1313

BUSN 1301; SCI 1301
Other choices: UNIV 1301; CS 1310, 1320; COMM 1302

ACCT 2301 Principles of Accounting I
ACCT 2302 Principles of Accounting II
ECON 2304 Principles of Economics II
QMB 2301 Fundamentals of Business Statistics
MATH 1312 Calculus II
MATH 2313 Calculus III

BUSN 3310 Managerial Economics
BLAW 3301 Legal Environment of Business
BUSN 3304 Global Business Environment
QMB 3350 Data Analytics
ACCT 3321 Intermediate Accounting
FIN 3310 Business Finance
OSCM 3321 Production/Operations Mgmt
MGMT 3303 Intro to Management/Org Behavior
MKT 3300 Principles of Marketing
MGMT 4300 Strategic Management

**MGMT 4300 has 4 prerequisites (FIN 3310, OSCM 3321, MGMT 3303, MKT 3300)**

**MGMT 4300 must be taken during the last semester at UTEP.**

BBA Total Hours: 120