GRADUATE CERTIFICATE IN
FINANCE

OFFERED BY: The Business and Information Technology Department.
Programs: MBA and M.S. in IST

INTENDED AUDIENCE: _Main Campus Students _Distance (online) Students X Both

PURPOSE:
Finance is an important area in businesses. Our research activities reveal this need; our Advisory Board tells us of this need; and employers at Career Fairs tell us of this need.

ADMISSION:
This graduate certificate program is open to all individuals holding a BS, MS or PhD degree in areas such as business, computer science, social sciences, sciences, technology, engineering, or related disciplines. The certificate program consists of four courses. In order to receive a Graduate Certificate, the student must have an average graduate cumulative grade point of 3.0 or better on a 4.0 scale in the certificate courses taken. Students admitted only to the certificate program will have non-degree graduate status but will earn graduate credit for the courses they complete. The core courses will be offered at least once per year. The courses in the certificate program will be offered such that students can complete the program in a timely manner. If the four-course sequence approved by the graduate advisor is completed with a grade of B or better in each of the courses taken, the student will, upon application, be admitted to the Master of Business Administration or to the Master of Science in Information Science and Technology. The certificate courses taken by students admitted to the program will count towards the MBA program or the M.S. in Information Science and Technology degree program. Once admitted to the Certificate program, a student will be given three years to complete the program as long as a B or better average is maintained in the courses taken.

CONTRIBUTING FACULTY:
Keng Siau
Hongxian Zhang
Yu-Hsien Chiu
Steve Liu
Barry Flachsbart

CURRICULUM:
The requirement for a Graduate Certificate in Finance include:
   BUS 6827 Managerial Finance
And three of the following:
   FIN 5160 Corporate Finance II
   FIN 5260 Investments I
   BUS 5230 Financial Statement Analysis
   FIN 5310 Financial Modeling
COURSE DESCRIPTIONS:

BUS 6827 Managerial Finance (on campus and online)
The course is designed as an introduction to managing the financing needs of the firm. From a finance perspective, the manager has to make two major interconnected decisions: what assets to acquire and how to finance them. Students will gain an appreciation of the responsibilities of the corporate financial manager and the critical relationship between the firm and the financial markets. This class covers topics such as valuation of securities, risk-return relationship, capital budgeting, capital structure, financial forecasting, and other contemporary corporate finance issues.
MBA core. Prerequisite: Graduate standing.

FIN 5160 Corporate Finance II (on campus and online)
This course provides a rigorous and consistent presentation of the theory of financial decisions. Capital markets are analyzed under assumptions of risk aversion and uncertainty. Models of modern portfolio theory are discussed including the CAPM and the Modigliani-Miller analysis.
Prerequisite: FINANCE 2150 or Graduate Standing.

FIN 5260 Investments I (on campus and online)
Introduction to fundamental elements of investment analysis. Students learn financial tools and gain necessary knowledge to select among alternative financial assets. Real world experience includes stock analysis, portfolio simulations and interactions with professionals in the securities industry.
Prerequisite: FINANCE 2150 or Graduate Standing.

BUS 5230 Financial Statement Analysis (on campus and online)
Analysis and interpretation of financial statements for profitability analysis, credit analysis, and other business analyses that rely on financial data. Introduces emerging roles of accounting analytics. Illustrates data analytics concepts and techniques to detect earning management, predict fraud, and to provide insights into other business strategies.
Prerequisite: FINANCE 2150 or Graduate Standing.

FIN 5310 Financial Modeling (on campus and online)
Financial Modeling is designed to give students practical corporate finance analysis, applying finance and accounting skills learned in prior classes. In addition to giving students practical modeling skills, the class will also cement their understanding of the subject matter, as participants will be required to demonstrate "hands-on" that their built models function properly.
Prerequisite: FINANCE 2150 or Graduate Standing.