GRADUATE COUNCIL CURRICULUM COMMITTEE (GCCC)
Fifth Meeting 2018-19 Academic Year
April 8, 2019

SECTION B – Recorded, but further approval needed before inclusion in the Graduate Catalog   p. 1 of 1

COLLEGE OF BUSINESS

Department of Finance

BOT   Other catalog change: Page 66, 2018-19 Graduate Catalog

FinTech (12)

This cCertificate of gGraduate sStudy provides graduate students with a set of courses focused upon technology-enabled applications that disrupt financial sector operations. Such innovations can disrupt industry structures, revolutionize service portfolios and product delivery, create new opportunities for venture capital and growth, as well as introduce a new wave of privacy and regulation concerns. Examples that are central to FinTech include cryptocurrencies and the blockchain, digital advisory and trading systems, artificial intelligence and machine learning, peer-to-peer lending, equity crowdfunding and mobile payment systems. Employers looking for students with skill sets in this area include banks, consulting firms, financial technology, and investment firms. The certificate is a non-degree program open to all students admitted to degree and non-degree study at Northern Illinois University. Students must earn an average GPA of 3.00 in the courses applied toward the certificate and complete all certificate course work within six years immediately preceding the awarding of the certificate. Some courses may have prerequisites that are not part of the certificate curriculum.

Applications are available in the Department of Finance Department. Students must be in good academic standing to be eligible.

Requirements
FINA 575 - Financial Modeling (3)
Nine semester credit hours to be selected from the following courses or from among relevant graduate offerings elsewhere in the university with approval of the academic program coordinator:
     CSCI 501 - Programming Principles in C++ (3), or
         OR CSCI 502 - Programming Principles in Java (3), or
         OR CSCI 503 - Programming Principles in Python (3)
     CSCI 600 - Big Ideas in Computer Science (1)
     CSCI 601 - Theory of Computation (3)
     CSCI 602 - Design and Analysis of Algorithms (3)
     CSCI 607 - Principles of Computer Security (3)
     CSCI 627 - Data Visualization (3)
     CSCI 641 - Big Data Analytics (3)
     CSCI 656 - Artificial Intelligence (3)
     FINA 651 - Seminar in Financial Institution Management (3)
     FINA 695 - Seminar in Finance Topics (3)
     OMIS 645 - Applied Business Analytics Using SAS (3)