

FINTECH CONCENTRATION

Requirements

The Primary Concentration in FinTech is a 15 credit program, not including two prerequisite courses. Of the 15 credits, one class is a required introductory class to FinTech, and the rest are electives.

Prerequisites

Before taking any courses for the concentration, students must first complete the following courses:

- Core Information Systems: ISGB 6910 Business Tech & Analytics
- Core Finance: FNGB 6411 Intro Financial Sys & Methods

Curriculum

| Course | Title | Credits |
|----------------------|---|-----------|
| FNGB 74BK | Fintech -An Introduction ¹ | 3 |
| | or ISGB 799X Fintech -An Introduction | |
| | 12 Credits of Elective Courses (see below) | 12 |
| | At least 3 credits of Finance courses | |
| | At least 3 credits of Information Systems courses | |
| Total Credits | | 15 |

¹ Students focusing in Finance should take the FNGB course, and students focusing on Information Systems should take the ISGB course.

Additional notes

- No more than 4.5 credits of the follow courses may apply toward this concentration
 - SAGB 76BS Blockchain: Industry Disruptor and Creator
 - FNGB 849I Blockchain
 - FNGB 849J Digital Currencies
- Double-counting:
 - No more than 3 credits may also apply toward the secondary concentration in Blockchain
 - No more than 4.5 credits may apply toward the primary concentration in Finance
- Some courses have pre-requisites which may not necessarily apply to the concentration.

Information Systems courses for FinTech

Courses in this group have the ABFI attribute.

| Course | Title | Credits |
|-----------|--------------------------|---------|
| ISGB 7902 | System Analysis & Design | 3 |
| ISGB 7943 | Programming with Python | 3 |
| ISGB 7967 | Data Mining for Business | 3 |
| ISGB 7973 | Database Management | 3 |
| ISGB 7977 | Text Analytics | 3 |
| ISGB 7990 | Big Data Analytics | 3 |

Finance courses for FinTech

Courses in this group have the ABFF attribute.

| Course | Title | Credits |
|-----------|--------------------------------|---------|
| FNGB 74AT | Fintech Compliance- Asia to Us | 3 |
| FNGB 74AU | Algorithm Trading | 3 |
| FNGB 74BG | Auto Trading Systems - Intro | 3 |
| FNGB 74BT | Fintech Lending & Payments | 3 |
| FNGB 849I | Blockchain | 1.5 |
| FNGB 849J | Digital Currencies | 1.5 |
| FNGB 849N | Disruption in Finan Services | 1.5 |
| GFGB 7039 | Computational Finance | 3 |
| GFGB 7050 | Machine Learning for Finance | 3 |
| GFGB 7051 | Econtech: Econ & Data Mining | 3 |

FinTech courses in Other Areas

Courses in this group have the ABFO attribute.

| Course | Title | Credits |
|-----------|--|---------|
| SAGB 76BS | Blockchain: Industry Disruptor and Creator | 3 |