

# 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 <sup>1</sup>	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		
<b>Total Credits</b>		<b>15</b>

<sup>1</sup> 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	Machine Learning for Business	3
ISGB 7973	Data Management and SQL	3
ISGB 7977	Natural Language Processing and Applications	3
ISGB 7990	Cloud Computing for 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	Fintech: Disruption in Finan Services	1.5-3
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