



# CURRICULUM GUIDE WORKSHEET

## Mathematics – Data Science - Finance

Bachelor of Science - 42 hrs

Name: \_\_\_\_\_

Catalogue Year: \_\_\_\_\_

Minor: \_\_\_\_\_

### Freshman (Fall)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 115	Introduction to Computer Science	3	_____
<input type="checkbox"/> MAT 211	Calculus and Analytic Geometry I	4	_____
<input type="checkbox"/> CHR 111	Old Testament Survey	3	_____
<input type="checkbox"/> ENG 111	Written Composition I	3	_____
<input type="checkbox"/> COM 112 or 235	Public or Interpersonal Communications	3	_____
		<b>16</b>	

Review Registration on Student Planning / Self-Service

### Freshman (Spring)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 125	Programming in Python	3	_____
<input type="checkbox"/> MAT 205 or 208	Discrete Mathematics or Statistics	3	_____
<input type="checkbox"/> ENG 112	Written Composition II	3	_____
<input type="checkbox"/> CHR 112	New Testament Survey	3	_____
<input type="checkbox"/> General Core <sup>1</sup>	Social Science Core	4	_____
		<b>16</b>	

### Sophomore (Fall)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> MAT 209	Matrix Algebra	3	_____
<input type="checkbox"/> ACC 211	Principles of Accounting I	3	_____
<input type="checkbox"/> ENG 201 or 202	World Literature I or II	3	_____
<input type="checkbox"/> CHE/PHY <sup>2</sup>	Chemistry/Physics Core	4	_____
<input type="checkbox"/> HIS 101	World Civilization to the 18 <sup>th</sup> Century	3	_____
		<b>16</b>	

Declare minor with Dean, Arts & Sciences (optional)

### Sophomore (Spring)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> MAT 208 or 205	Statistics or Discrete Mathematics	3	_____
<input type="checkbox"/> ECO 211	Principles of Macroeconomics	3	_____
<input type="checkbox"/> CSC 247	Data Analytics	3	_____
<input type="checkbox"/> BIO <sup>3</sup>	Biology Core	4	_____
<input type="checkbox"/> TBD	2 <sup>nd</sup> Major / Minor / Elective	3	_____
		<b>16</b>	

<sup>1</sup> Select One: PSY 213, SOC 211, PHL 240, PSC 211, HON 210, ECF 211 or 212

<sup>2</sup> Select One: PHY 111, PHY 213, CHE 105, CHE 111

<sup>3</sup> Select One: BIO 100, BIO 110, BIO 112

### Junior (Fall)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> MAT 305	Statistical Methods	3	_____
<input type="checkbox"/> FIN 320	Business Financial Management I	3	_____
<input type="checkbox"/> CSC 337	Data Visualization	3	_____
<input type="checkbox"/> ART 210	Arts in Western Civilization	3	_____
<input type="checkbox"/> TBD	2 <sup>nd</sup> Major / Minor / Elective	3	_____
		<b>15</b>	

Apply for Junior Audit after completing 72 credit hours

### Junior (Spring)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> CSC 410	AI & Machine Learning	3	_____
<input type="checkbox"/> PSY/SOC	PSY or SOC Elective (Additional Program Requirements)	3	_____
<input type="checkbox"/> PEWS 100	Fitness for Health	1	_____
<input type="checkbox"/> HIS 102	World Civilization from 18 <sup>th</sup> Century	3	_____
<input type="checkbox"/> TBD	2 <sup>nd</sup> Major / Minor / Elective	3	_____
<input type="checkbox"/> TBD	2 <sup>nd</sup> Major / Minor / Elective	3	_____
		<b>16</b>	

### Junior (Summer) Optional

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> TBD	Internship (Optional)	1-3	_____

### Senior (Fall)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> FIN 415/416/417	Corporate Finance/Investment Analysis/Financial Markets and Institutions ( <b>Select One</b> )	3	_____
<input type="checkbox"/> CSC 437	Data Security & Privacy	3	_____
<input type="checkbox"/> CSC 498/MAT 498	Seminar	2	_____
<input type="checkbox"/> PSY/SOC	PSY or SOC Elective (Additional Program Requirements)	3	_____
<input type="checkbox"/> TBD	2 <sup>nd</sup> Major / Minor / Elective	3	_____
		<b>14</b>	

Apply for Graduation

### Senior (Spring)

<input checked="" type="checkbox"/> Course Prefix	Course Name	Credits	Notes
<input type="checkbox"/> TBD	2 <sup>nd</sup> Major / Minor / Elective	3	_____
<input type="checkbox"/> TBD	2 <sup>nd</sup> Major / Minor / Elective	3	_____
<input type="checkbox"/> TBD	2 <sup>nd</sup> Major / Minor / Elective	3	_____
<input type="checkbox"/> TBD	2 <sup>nd</sup> Major / Minor / Elective	3	_____
		<b>12</b>	

\*A minimum of 36 upper-level (300 and 400 level) hours is required. The degree must meet a minimum of 120 hours.