

# BUSINESS ANALYTICS, M.S.B.A / MASTER IN FINANCIAL TECHNOLOGY WITH SUNGKYUNKWAN UNIVERSITY (SKKU), M.S. FINTECH.

## Degree Requirements (66 hours) Curriculum of SKKU Students

### Semester 1 at SKKU

Course	Title	Credits
<b>Required:</b>		
Financial Statistics		3
Investment Analysis		3
<b>Electives</b>		
Select one course from the following:		3
Financial markets and corporate finance		
Deep learning		
Python programming		
<b>Total Credit Hours</b>		<b>9</b>

### Semester 2 at SKKU

Course	Title	Credits
<b>Required:</b>		
Machine Learning in Finance		3
Financial Data Analysis		3
<b>Electives:</b>		
Select one course from the following:		3
Data analytics in action with Python		
Financial derivatives		
Behavioral finance and fintech		
Fintech internship *		
<b>Total Credit Hours</b>		<b>9</b>

### Semester 3-4 at South Carolina

Course	Title	Credits
Select six courses from the following:		18
MGSC 796	Information Systems	
MKTG 708	Customer Relationship Management and Data Mining	
Digital and Social Media Analytics		
FINA 746	Risk Management	
Special Topics in Accounting: Analytics in Accounting		
ACCT 737	Accounting Information Systems from a Strategic Perspective	
ECON 736	Applied Econometrics	
IBUS 739	Design Thinking For Global Business (DT4GB)	

IBUS 740	Data Analytics for International Business	
<b>Total Credit Hours</b>		<b>18</b>

\* Transferable Courses from SKKU to South Carolina (up to 12 credits hours)

#### SKKU

- Financial Statistics
- Investment Analysis
- Machine Learning in Finance
- Financial Data Analysis
- Fintech internship Analytics Practicum

#### South Carolina

- MGSC 711
- FINA 772
- MGSC 790
- MGSC 777
- BADM 700

## Curriculum of South Carolina Students

### Semester 1 at South Carolina

Course	Title	Credits
<b>Required:</b>		
MGSC 790	Data Resource Management	3
MGSC 711	Quantitative Methods in Business	3
<b>Electives:</b>		
Select three courses from the following:		9
MKTG 717	Fundamentals of Marketing Analytics	
Diff and diff, AB testing, experiments, etc.		
MGSC 778	Revenue Management	
MGSC 796	Information Systems	
MGSC 776	Supply Chain Modeling	
Sports Analytics		
<b>Total Credit Hours</b>		<b>15</b>

### Semester 2 at South Carolina

Course	Title	Credits
<b>Required:</b>		
MGSC 777	Advanced Quantitative Methods in Business	3
BADM 700	Master of Science Project	6
or ANALYTICS PRACTICUM		
<b>Electives:</b>		
Select two courses from the following:		6
MKTG 708	Customer Relationship Management and Data Mining	
MKTG 715	Pricing Strategy and Analysis	
Digital and Social Media Analytics		
MGMT 737	Human Resources Experiential Project	
FINA 746	Risk Management	
FINA 772	Student-Managed Investments	
Special Topics in Accounting: Analytics in Accounting		
ACCT 737	Accounting Information Systems from a Strategic Perspective	

ECON 736	Applied Econometrics	
IBUS 739	Design Thinking For Global Business (DT4GB)	
IBUS 740	Data Analytics for International Business	
<b>Total Credit Hours</b>		<b>15</b>

### Semester 3 at SKKU

Course	Title	Credits
Select three courses from the following:		9
	Financial markets and corporate finance	
	Deep learning	
	Python programming	
	Seminar in Investment	
	Advanced Financial Theory	
<b>Total Credit Hours</b>		<b>9</b>

### Semester 4 at SKKU

Course	Title	Credits
Select three courses from the following:		9
	Data analytics in action with Python	
	Financial derivatives	
	Behavioral finance and fintech	
	Deep learning	
	Seminar in Investment	
	Advanced Financial Theory	
	Fintech internship	
<b>Total Credit Hours</b>		<b>9</b>