



**B.S., Business and Economics
3 – Major Component**

Cohort entering 2019-20

- One College of Business major required; second College of Business major optional
- Minimum GPA of 2.0 in major to graduate

Summary of Majors and Required Credits for Graduation:

Major	Min Required Credits	Major	Min Required Credits
Accounting	21	Management	15
Business Info Systems	18	Marketing	18
Economics	18	Supply Chain Management	18
Finance	21-23		

Additional Options for Specialization:

Business-Related Minors Open to College of Business Students

- Business Information Systems
- Management
- Entrepreneurship
- Real Estate
- FinTech
- Supply Chain Management

Certificate Programs

- Business Analytics
- International Business

Certifications Through the Financial Services Lab

- Bloomberg Terminal
- Mortgage Industry Advisory Corporation's MIAC WinOAS
- CQG Technical Analysis
- Thomson Reuters Eikon

Accounting Major

Required: 4 courses (12 credits) - typically taken junior year		
ACCT 315	Intermediate Accounting I	<i>Prerequisite: ACCT 152</i>
ACCT 316	Intermediate Accounting II	<i>Prerequisite: ACCT 315</i>
ACCT 311	Accounting Information Systems	<i>Prerequisite: ACCT 152 & BIS 111</i>
ACCT 324	Cost Accounting	<i>Prerequisite: ACCT 152</i>
Major Track Courses: 3 courses (9 credit hours) - typically taken senior year <i>Choose 1 track and take all 3 courses in that track</i>		
Track 1: Public Accounting Assurance and Tax Services		
ACCT 307	Fundamentals of Federal Income Taxation	<i>Prerequisite: ACCT 151 & senior standing</i>
ACCT 320	Fundamentals of Auditing	<i>Prerequisite: ACCT 311 & 315</i>
ACCT 317	Advanced Financial Accounting	<i>Prerequisite: ACCT 316</i>
Track 2: Financial Services and Corporate Accounting		
FIN 323	Investments	<i>Prerequisite: FIN 125</i>
FIN 328	Corporate Financial Policy	<i>Prerequisite: FIN 125</i>
ACCT 318	Analysis of Financial Statements	<i>Prerequisite: ACCT 316; can be taken concurrently and open only to graduating seniors</i>
Track 3: Information Technology		
ACCT 320	Fundamentals of Auditing	<i>Prerequisite: ACCT 311 & 315</i>
ACCT 330	Accounting Data and Analysis	<i>Prerequisite: ECO 045 or equivalent</i>
One 300-level BIS course		
		Total Credits Required: 21

Business Information Systems (BIS) Major

Required: 3 courses (9 credits)		
BIS 311	Managing Information Systems Analysis and Design	<i>Prerequisite: BIS 111</i>
BIS 324	Business Data Management	<i>Prerequisite: BIS 111</i>
BIS 335	Application Development for Business	<i>Prerequisite: BIS 111</i>
Elective courses (9 credit hours) from the following:		
ACCT 311	Accounting Information Systems	<i>Prerequisite: ACCT 151 & BIS 111</i>
BIS 333	Enterprise Security and Risk Management	<i>Prerequisite: BIS 111</i>
BIS/SCM 342	e-Business Enterprise Applications	<i>Prerequisite: BIS 111</i>
BIS 344	Cloud Computing for Business	<i>Prerequisite: BIS 111</i>
BIS 348	Predictive Analysis in Business	<i>Prerequisite: BIS 111 & ECO 045</i>
BIS 352	Advanced Topics in Business Analytics	<i>Prerequisite: BIS 111 & ECO 045 or MATH 012 or MATH 231</i>
BIS 372	Special Topics in Information Systems	
ENTP 304	Technology and Software Ventures	<i>Prerequisite: ENGR 010 or CSE 002 or BIS 111</i>
Total Credits Required: 18		

Economics Major

Required: Common Economics Core (2 courses, 6 credits)		
ECO 119 AND ECO 146	Intermediate Macroeconomic Analysis AND Intermediate Microeconomic Analysis	<i>Prerequisites: ECO 001 and MATH 081 or 021 or 076</i>
Required: Quantitative Economics Core (1 course, 3 credits)		
ECO 157	Statistical Methods II	<i>Prerequisite: ECO 045 or MATH 012 or MATH 231</i>
Elective courses: -12 credits from the following lists -At least one course from each list -At least two of the four courses must be at the 300 level		
Field Courses		
ECO 209	Comparative Economic Systems	<i>Prerequisite: ECO 001</i>
ECO 229	Economics of Money and Banking	<i>Prerequisites: ECO 001 and ECO 119; ECO 119 can be taken concurrently</i>
ECO 235	Labor Economics	<i>Prerequisite: ECO 001</i>
ECO 303	Economic Development	<i>Prerequisite: ECO 146</i>
ECO 311	Environmental Economics	<i>Prerequisite: ECO 146</i>
ECO 312	Mathematical Economics	<i>Prerequisites: ECO 146, MATH 022, & MATH 231</i>
ECO 322	Competitor and Market Analysis	<i>Prerequisites: ECO 146, ECO 045 (or MATH 012 or MATH 231 or ISE 111), and MATH 081 (or 021 or 076)</i>
ECO 338	International Economics	<i>Prerequisites: ECO 029 (or ECO 119 or ECO 229) and ECO 146</i>
ECO 353	Public Economics	<i>Prerequisite: ECO 146</i>
ECO 358	Game Theory	<i>Prerequisites: ECO 146 and MATH 081 or MATH 021</i>
ECO 365	Business, Government, and Macroeconomic Policy	<i>Prerequisites: ECO 029 or ECO 119</i>
ECO 368	Health Economics	<i>Prerequisites: ECO 045 or MATH 012 or MATH 231 and ECO 146</i>

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Applying Economics		
ECO 201	Federal Reserve Challenge Competition	<i>Prerequisite (that may be taken concurrently): ECO 119</i>
ECO 203	Microfinance: Financial Inclusion for the Poor	<i>Prerequisite: ECO 001</i>
ECO 247	Sabermetrics	<i>Prerequisites: ECO 001 and ECO 045 or PSYC 110 or ISE 111 or CEE 012 or MATH 231 or MATH 012</i>
ECO 259	Athletic Complex Design	<i>Prerequisite: ECO 146</i>
ECO 273	Community Consulting Practicum	<i>Prerequisite: ECO 001</i>
ECO 274	Supervised Research	<i>Prerequisites: ECO 119 or ECO 146 or ECO 245 or ECO 157</i>
ECO 301	Econometric Software	
ECO 314	Energy Economics	<i>Prerequisite: ECO 146</i>
ECO 324	The Economics of the Sports Industry	<i>Prerequisite: ECO 146</i>
ECO 325	Consumer Insights through Data Analysis	<i>Prerequisites: MKT 111 and ECO 146</i>
ECO 328	Electricity Economics	<i>Prerequisites: ECO 001 and MATH 023 or ECO 146</i>
ECO 333	The Economics of Business Decisions	<i>Prerequisites: ECO 146, ECO 045 (or MATH 012 or MATH 231 or ISE 111), and MATH 081 (or 021 or 076)</i>
ECO 335	Cost-Benefit Analysis	<i>Prerequisite: ECO 146</i>
ECO 336	Antitrust, Regulation, and the New Economy	<i>Prerequisite: ECO 146</i>
ECO 342	Economic Development in China	<i>Prerequisite: ECO 303</i>
ECO 345	Political-Economy of Iraq	<i>Prerequisite: ECO 303 or IR 225</i>
ECO 357	Econometrics	<i>Prerequisites: ECO 119 or ECO 146 and ECO 245 or ECO 157</i>
ECO 360	Time Series Analysis	<i>Prerequisites: ECO 245 or ECO 157</i>
ECO 366	Quantitative Market Analysis	<i>Prerequisites: ECO 146 and ECO 245 or ECO 357 or ECO 157</i>
ECO 367	Applied Microeconometrics	<i>Prerequisites: ECO 245 or ECO 357 or ECO 157</i>
ECO 371	Special Topics in Economics	<i>Prerequisites: ECO 146 or ECO 119</i>
ECO 389	Honors Project	<i>Students can apply at most 3 credits earned in this course toward the elective requirement.</i>
Total Credits Required: 18		

Finance Major

Required: 2 courses (6 credits)		
FIN 323	Investments	<i>Prerequisite: FIN 125</i>
FIN 328	Corporate Financial Policy	<i>Prerequisite: FIN 125</i>
Depth Requirements: 3 courses (9 credit hours) from the following:		
FIN 324	Security Analysis and Portfolio Management	<i>Prerequisite: FIN 323 & 328</i>
FIN 330	Financial Markets and Institutions	<i>Prerequisite: FIN 323 & 328</i>
FIN 333	Global Finance	<i>Prerequisite: FIN 323 & 328</i>
FIN 334	Derivatives and Management of Risk	<i>Prerequisite: FIN 323 & 328</i>
FIN 335	Advanced Topics - Financial Management (various topics can be offered under this course listing)	<i>Prerequisite: FIN 323 & 328</i>
FIN 336	Real Estate Finance (cannot be used as a depth requirement when following the Real Estate Track)	<i>Prerequisite: FIN 323 & 328</i>
FIN 377	Advanced Topics - Investments (various topics can be offered under this course listing)	<i>Prerequisite: FIN 323 & 328</i>
Breadth (or track) requirements: Select 2 breadth electives (6 credit hours) within one of the following 6 breadth tracks:		
Track 1: Financial Analysis (6 credits)		
ACCT 315	Intermediate Accounting I	<i>Prerequisite: ACCT 152</i>
ACCT 316	Intermediate Accounting II	<i>Prerequisite: ACCT 315</i>
Track 2: Financial Marketing (6 credits)		
MKT 312	Marketing Research	<i>Prerequisite: MKT 111 and ECO 045</i>
MKT 319	Development and Marketing of New Products	<i>Prerequisite: MKT 111</i>
MKT 320	Global Marketing	<i>Prerequisite: MKT 111</i>
MKT/ECO 325	Consumer Insights through Data Analysis	<i>Prerequisite: MKT 111 and ECO 146</i>
MKT 332	Sales Management	<i>Prerequisite: MKT 111</i>
Track 3: Analytical Finance (6-8 credits)		
ISE 316	Optimization Models and Applications	<i>Prerequisite: ISE 240</i>
ISE 339	Stochastic Models and Applications	<i>Prerequisite: ISE 230</i>
OR		<i>Prerequisites: MATH 263 or MATH 309 or (MATH 231 and MATH 205 or MATH 241)</i>
MATH 310	Random Processes and Applications	
MATH 205	Linear Models	<i>Prerequisite: MATH 022</i>
OR		
MATH 241	Applied Linear Algebra	<i>Prerequisite: MATH 022</i>

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MATH 231	Probability and Statistics	<i>Prerequisite: MATH 022 or MATH 082</i>
OR		<i>Prerequisite: MATH 023 or MATH 082; MATH 023 can be taken concurrently</i>
MATH 263	Introduction to the Theory of Probability	
Track 4: Financial Economics (6 credits) - take 1 course from each group		
ECO 203	Microfinance: Financial Inclusion for the Poor	<i>Prerequisite: ECO 001</i>
ECO 209	Comparative Economic Systems	<i>Prerequisite: ECO 001</i>
ECO 303	Economic Development	<i>Prerequisite: ECO 146</i>
ECO 314	Energy Economics	<i>Prerequisite: ECO 146</i>
ECO 322	Competitor and Market Analysis	<i>Prerequisites: ECO 146, ECO 045 (or MATH 012 or MATH 231 or ISE 111), and MATH 081 (or 021 or 076)</i>
ECO 333	The Economics of Business Decisions	<i>Prerequisites: ECO 146, ECO 045 (or MATH 012 or MATH 231 or ISE 111), and MATH 081 (or 021 or 076)</i>
ECO 336	Antitrust, Regulation, and the New Economy	<i>Prerequisite: ECO 146</i>
ECO 338	International Economics	<i>Prerequisites: ECO 029 (or ECO 119 or ECO 229) and ECO 146</i>
ECO 339	International Trade	<i>Prerequisite: ECO 146</i>
ECO 340	International Finance	<i>Prerequisite: ECO 119</i>
ECO 353	Public Economics	<i>Prerequisite: ECO 146</i>
ECO 365	Business, Government, and Macroeconomic Policy	<i>Prerequisites: ECO 029 or ECO 119</i>
Track 5: Real Estate (6 credits)		
FIN 336	Real Estate Finance	<i>Prerequisite: FIN 323 & 328 (if taken for the track, this course cannot count towards the depth requirement)</i>
REAL 347	Real Estate Investment	
Track 6: Expanded Finance (6 credits) - must take 2 additional finance courses not taken within the depth requirement		
FIN 324	Security Analysis and Portfolio Management	<i>Prerequisite: FIN 323 & 328</i>
FIN 330	Financial Markets and Institutions	<i>Prerequisite: FIN 323 & 328</i>
FIN 333	Global Finance	<i>Prerequisite: FIN 323 & 328</i>
FIN 334	Derivatives and Management of Risk	<i>Prerequisite: FIN 323 & 328</i>
FIN 335	Advanced Topics - Financial Management (various topics)	<i>Prerequisite: FIN 323 & 328</i>
FIN 336	Real Estate Finance	<i>Prerequisite: FIN 323 & 328</i>
FIN 377	Advanced Topics - Investments (various topics)	<i>Prerequisite: FIN 323 & 328</i>
Total Credits Required: 21-23		

Management Major

Required: 1 course (3 credits) - required of all tracks		
MGT 342*	Managing in the International Organization	<i>Prerequisite: junior standing</i>
Major Track Courses: 4 courses (12 credit hours) - Choose 1 track		
Track 1: Managing Human Resources		
MGT 333	Human Resource Management	<i>Prerequisite: MGT 043 or MGT 143</i>
MGT/SCM 328	Negotiations and Conflict Management	<i>Prerequisite: junior standing</i>
MGT 363**	Managing Diversity & Inclusion in the Workplace	<i>Prerequisite: junior standing</i>
Plus 1 course from the following		
MGT 314	Business Consulting Practicum	<i>Prerequisite: MGT 306 and junior standing</i>
ECO 235	Labor Economics	<i>Prerequisite: ECO 001</i>
Track 2: Management Consulting		
MGT/ENTP 306	Decision Making and Problem Solving in Business	<i>Prerequisite: FIN 125 & MKT 111</i>
MGT 314	Business Consulting Practicum	<i>Prerequisite: MGT 306 and junior standing</i>
Plus 2 courses from the following:		
MGT/SCM 328	Negotiations and Conflict Management	<i>Prerequisite: junior standing</i>
MGT 333	Human Resource Management	<i>Prerequisite: MGT 043 or MGT 143</i>
MGT 363**	Managing Diversity & Inclusion in the Workplace	<i>Prerequisite: junior standing</i>
FIN 328	Corporate Financial Policy	<i>Prerequisite: FIN 125</i>
MKT 319	Development & Marketing of New Products	<i>Prerequisite: MKT 111</i>
MKT 326	Marketing Analytics in a Digital Space	<i>Prerequisite: MKT 111</i>
BIS 348	Predictive Analytics in Business	<i>Prerequisite: BIS 111 and ECO 045 or MATH 012 or MATH 231</i>
ACCT 330	Accounting Data and Analytics	<i>Prerequisite: ECO 045</i>
Total Credits Required: 15		
*MGT 342: Managing in the International Organization fulfills the College of Business Global Requirement		
**MGT 363: Managing Diversity & Inclusion in the Workplace fulfills the College of Business Diversity Requirement		

Marketing Major

Required: 3 courses (9 credits)		
MKT 311	Consumer Behavior	<i>Prerequisite: MKT 111</i>
MKT 312	Marketing Research	<i>Prerequisite: ECO 045 & MKT 111</i>
MKT 387	Marketing Strategy	<i>Prerequisite: MKT 311, MKT 312, & senior standing</i>
Elective courses (9 credit hours) from the following:		
MKT 313	Advertising & Sales Promotion Strategy	<i>Prerequisite: MKT 111</i>
MKT 314	Digital & Social Media	<i>Prerequisite: MKT 111</i>
MKT 319	Development & Marketing of New Products	<i>Prerequisite: MKT 111</i>
MKT 320	Global Marketing	<i>Prerequisite: MKT 111</i>
MKT/ECO 325	Consumer Insights through Data Analysis	<i>Prerequisite: MKT 111 & ECO 146</i>
MKT 326	Marketing Analytics in a Digital Space	<i>Prerequisite: MKT 111</i>
MKT 327	Retail Marketing	<i>Prerequisite: MKT 111</i>
MKT 330	Professional Selling	<i>Prerequisite: MKT 111</i>
MKT 332	Sales Management	<i>Prerequisite: MKT 111</i>
MKT 347	Strategic Brand Management	<i>Prerequisite: MKT 111</i>
MKT 366	Services Retailing & Marketing	<i>Prerequisite: MKT 111</i>
MKT 371	Directed Readings	<i>Prerequisite: Department chair</i>
MKT 372	Special Topics	<i>Prerequisite: Department chair</i>
Total Credits Required: 18		

Supply Chain Management Major

Required: 3 courses (9 credits)		
SCM 309	Supply, Cost, and Risk Management	<i>Prerequisite: SCM 186</i>
SCM 340	Demand & Supply Chain Planning	<i>Prerequisite: SCM 186</i>
SCM/MGT 328	Negotiations and Conflict Management	<i>Prerequisite: junior standing</i>
SCM 354	Integrated Logistics & Transportation Management	<i>Prerequisite: junior standing</i>
TE 211	Capstone Design Projects - 1	<i>Prerequisite: junior standing</i>
SCM/BIS 342	e-Business Enterprise Applications	<i>Prerequisite: BIS 111</i>
Total Credits Required: 18		