



B.S., Business and Economics Major Components

Cohort entering 2024-25

- 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	Finance	21-23
Business Analytics	18	Management	15
Business Info Systems	18	Marketing	18
Economics	18	Supply Chain Management	18

Additional Options for Specialization:

Business-Related Minors Open to College of Business Students

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

Certificate Programs

- Business Analytics
- International Business

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>
Concentrations: 3 courses (9 credit hours) - typically taken senior year Choose 1 track and take all 3 courses in that track		
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 Analytics (BUAN) Major

Required: 4 courses (12 credits)		
BIS 324	Business Data Management	<i>Prerequisite: BIS 111</i>
BUAN 348	Predictive Analytics in Business	<i>Prerequisites: BIS 111 & ECO 045 (or MATH 012 or MATH 231)</i>
BUAN 352	Business Analytics and Modelling	<i>Prerequisites: BIS 111 & ECO 045 (or MATH 012 or MATH 231)</i>
BUAN 357	Artificial Intelligence for Business	<i>Prerequisites: BIS 111 & ECO 045 (or MATH 012 or MATH 231) & BIS 044 (or BIS 335 or CSE 002 or CSE 012 or CSE 007 or CSE 003)</i>
Elective courses (6 credit hours) from the following:		
BIS 335	Application Development for Business	<i>Prerequisite: BIS 111</i>
BUAN 346	Python Applications for Business	<i>Prerequisite: BIS 111</i>
SCM 330	Analytics for Service Operations	<i>Prerequisite: SCM 186 and BIS 044</i>
SCM 345	Analytical Approaches to Supply Chain Management	<i>Prerequisites: SCM 186, BIS 111, and junior standing</i>
ACCT 330	Accounting Data and Analysis	<i>Prerequisite: ECO 045 or equivalent</i>
ECO 301	Econometric Software	
ECO 357	Econometrics	<i>Prerequisites: ECO 119 or ECO 146 and ECO 157</i>
ECO 367	Applied Microeconometrics	<i>Prerequisite: ECO 357 or ECO 157</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>
FIN 377	Advanced Topics—Investments (Data Science for Finance)	<i>Prerequisites: FIN 323 & FIN 328</i>
Total Credits Required: 18		

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 152 & 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 372	Special Topics in Information Systems	
ENTP 304	Technology and Software Ventures	<i>Prerequisite: ENTP 101 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 (One will apply towards core, and one course will apply towards major)	<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>Prerequisites: 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 303	Economic Development	<i>Prerequisite: ECO 146</i>
ECO 304	Economic Growth	<i>Prerequisite: ECO 119</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 339		
ECO 352	Behavioral Economics	<i>Prerequisites: ECO 146 and ECO 157 or ECO 357</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 363	Labor Economics	<i>Prerequisite: ECO 146</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>students can apply, at most, 3 credits earned in this course toward the elective requirement</i>)	Prerequisite (that may be taken concurrently): ECO 119
ECO 203	Microfinance: Financial Inclusion for the Poor	Prerequisite: ECO 001
ECO 234	The Economics of Gender and Race	Prerequisite: ECO 001
ECO 259	Athletic Complex Design (<i>only one of the following courses may be used to satisfy the elective requirement: ECO 259, ECO 273, and ECO 274</i>)	Prerequisite: ECO 146
ECO 273	Community Consulting Practicum (<i>only one of the following courses may be used to satisfy the elective requirement: ECO 259, ECO 273, and ECO 274</i>)	Prerequisite: ECO 001
ECO 274	Supervised Research (<i>only one of the following courses may be used to satisfy the elective requirement: ECO 259, ECO 273, & ECO 274. Students can apply, at most, 3 credits earned in this course toward the elective requirement</i>)	Prerequisite: ECO 119 or ECO 146 or ECO 157
ECO 301	Econometric Software	
ECO 314	Energy Economics	Prerequisite: ECO 146
ECO 324	The Economics of the Sports Industry	Prerequisites: ECO 146 and ECO 045 or MATH 012 or MATH 231 or ISE 111
ECO 325	Consumer Insights through Data Analysis	Prerequisites: MKT 111 and ECO 146
ECO 328	Electricity Economics	Prerequisites: ECO 001 and MATH 023 or ECO 146
ECO 333	The Economics of Business Decisions	Prerequisites: ECO 146, ECO 045 (or MATH 012 or MATH 231 or ISE 111), and MATH 081 (or 021 or 076)
ECO 335	Cost-Benefit Analysis	Prerequisite: ECO 146
ECO 336	Antitrust, Regulation, and the New Economy	Prerequisite: ECO 146
ECO 342	Economic Development in China	Prerequisite: ECO 303 or ECO 304
ECO 345	Political-Economy of Iraq	Prerequisite: ECO 303 or ECO 304 or IR 225
ECO 357	Econometrics	Prerequisites: ECO 119 or ECO 146 and ECO 157
ECO 360	Time Series Analysis	Prerequisites: ECO 157
ECO 362	Martindale Research Seminar (<i>students can apply, at most, 3 credits earned in this course toward the elective requirement</i>)	
ECO 366	Quantitative Market Analysis (<i>students can apply, at most, 3 credits earned in this course toward the elective requirement</i>)	Prerequisites: ECO 146 and ECO 357 or ECO 157
ECO 367	Applied Microeconometrics	Prerequisite: ECO 357 or ECO 157
ECO 371	Special Topics in Economics	Prerequisite: ECO 146 or ECO 119
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-Course Foundation Requirement (6 credits)		
FIN 323	Investments	<i>Prerequisite: FIN 125</i>
FIN 328	Corporate Financial Policy	<i>Prerequisite: FIN 125</i>
5-Course Elective Requirement: Choose 5 courses from the following, at least 3 of which must have a FIN prefix (15-17 credits):		
FIN 324	Security Analysis and Portfolio Management	<i>Prerequisites: FIN 323 & 328</i>
FIN 330	Financial Markets and Institutions	<i>Prerequisites: FIN 323 & 328</i>
FIN 333	Global Finance	<i>Prerequisites: FIN 323 & 328</i>
FIN 334	Derivatives and Management of Risk	<i>Prerequisites: FIN 323 & 328</i>
FIN 335	Advanced Topics - Financial Management (may be taken more than once if different topics are selected)	<i>Prerequisites: FIN 323 & 328</i>
FIN 336	Real Estate Finance	<i>Prerequisites: FIN 323 & 328</i>
FIN 337	Financial Market Regulation and Innovation	<i>Prerequisites: FIN 323 & 328</i>
FIN 377	Advanced Topics - Investments (may be taken more than once if different topics are selected)	<i>Prerequisites: FIN 323 & 328</i>
ACCT XXX	Any 300-level Accounting course of at least 3 credits, (except ACCT 371 and ACCT 372. Provisional courses, except offerings by the Finance Department, are not acceptable as electives.)	
ECO XXX	Any 200 level (or higher) Economics course of at least 3 credits [except ECO 201, 259, 273, 274, 300, 362, 371, and 389]. Provisional courses, except offerings by the Finance Department, are not acceptable as electives.	
REAL XXX	Any 300-level Real Estate course of at least 3 credits (can only count 1 REAL course if also taking FIN 336)	
ISE 121	Applied Engineering Statistics	<i>Prerequisite: ISE 111 or MATH 231</i>
ISE 316	Optimization Models and Applications	<i>Prerequisite: ISE 240</i>
ISE 339	Stochastic Models and Applications	<i>Prerequisite: ISE 230</i>
MATH 205	Linear Models	<i>Prerequisite: MATH 022</i>
MATH 231	Probability and Statistics	<i>Prerequisite: MATH 022 or MATH 082</i>
MATH 241 (3-4 credits)	Applied Linear Algebra	<i>Prerequisite: MATH 022 or MATH 082</i>
MATH 263	Introduction to the Theory of Probability	<i>Prerequisite: MATH 023 (can be taken concurrently) or MATH 082</i>

MATH 310 (3-4 credits)	Random Processes and Applications	Prerequisite: MATH 263 or MATH 309 or (MATH 231 & MATH 205 or MATH 241)
Total Credits Required: 21-23		

Management Major

Major Track Courses: 5 courses (15 credit hours) - Choose 1 track		
Track 1: Managing Human Resources		
MGT 333	Human Resource Management	Prerequisite: MGT 043 or MGT 143
MGT/SCM 328	Negotiations and Conflict Management	Prerequisite: junior standing
MGT 363**	Managing Diversity and Inclusion in the Workplace	Prerequisite: junior standing
Plus 2 courses from the following:		
ECO 235	Labor Economics	Prerequisite: ECO 001
MGT 342	Managing in International Organization	Prerequisite: junior standing
MGT 374	Societal Shifts	
	DEI CONCENTRATION (Must take the two courses below)	
MGT 379**	Bias in Individuals & Organizations	
MGT 381	Implementing & Evaluating DEI Programs	Prerequisites MGT 379
Track 2: Management Consulting		
MGT/ENTP 306	Decision Making and Problem Solving in Business	Prerequisite: junior standing
MGT 314	Business Consulting Practicum	Prerequisite: MGT 306
MGT/SCM 328	Negotiations and Conflict Management	Prerequisite: junior standing
Plus 2 courses from the following:		
MGT 342*	Managing in the International Organization	Prerequisite: junior standing
MGT/GS 346*	International Business	Prerequisite: junior standing
MGT 333	Human Resource Management	Prerequisite: MGT 043 or MGT 143
FIN 328	Corporate Financial Policy	Prerequisite: FIN 125
ENTP/MKT 319	Development and Marketing of New Products	Prerequisite: MKT 111
MGT 374	Societal Shifts	
MGT 363**	Managing Diversity and Inclusion in the Workplace	Prerequisite: junior standing
BIS 335	Web Application Development	
ENTP 304	Technology and Software Ventures	Prerequisite: ENTP 101 or CSE 002 or BIS 111

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Track 3: Entrepreneurship and Innovation		
MGT/ENTP 201	Entrepreneurship and Enterprise	<i>Prerequisite: ENTP 101 or MGT 043 or MGT 143</i>
MGT/ENTP 302	Corporate Entrepreneurship and Innovation	<i>Prerequisite: ENTP 101 or MGT 043 or MGT 143</i>
MGT/ENTP 311	The Garage: Launching Entrepreneurial Ventures I	<i>Prerequisite: ENTP 101 or MGT 043 or MGT 143</i>
Plus 2 courses from the following:		
MGT 328	Negotiations and Conflict Management	<i>Prerequisite: junior standing</i>
MGT/GS 346*	International Business	<i>Prerequisite: junior standing</i>
MGT 374	Societal Shifts	
MGT/ENTP 312	The Garage: Launching Entrepreneurial Ventures II	<i>Prerequisite: ENTP 311</i>
MGT/ENTP 306	Decision Making and Problem Solving in Business	<i>Prerequisite: junior standing</i>
ENTP/MKT 319	Development and Marketing of New Products	<i>Prerequisite: MKT 111</i>
Total Credits Required: 15		
*MGT 342 & MGT 346 both fulfill the College of Business Global Requirement		
**MGT 363, MGT 379, & MGT 381 fulfill 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 and Sales Promotion Strategy	<i>Prerequisite: MKT 111</i>
MKT 314	Digital and Social Media	<i>Prerequisite: MKT 111</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 & 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 and 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 (SCM) Major

Required: 6 courses (18 credits)		
SCM 309	Supply, Cost, and Risk Management	<i>Prerequisite: SCM 186</i>
SCM 330	Analytics for Service Operations	<i>Prerequisite: SCM 186 and BUAN 044</i>
SCM 340	Demand and Supply Chain Planning	<i>Prerequisite: SCM 186</i>
SCM 354	Integrated Logistics and Transportation Management	<i>Prerequisite: junior standing</i>
SCM 345	Analytical Approaches to Supply Chain Management	<i>Prerequisites: SCM 186, BIS 111, and junior standing</i>
SCM/BIS 342	e-Business Enterprise Applications	<i>Prerequisite: BIS 111</i>
Total Credits Required: 18		