



Business Data Analytics Minor-24 units
 (Available to Business and Non-Business Majors)

Restrictions:

1. A maximum of 2 transfer courses and a maximum of 3 units in Special or Independent Study, Correspondence and Internships will be allowed.
2. All 300 and 400 level business courses require 60 credits and 2.0 GPA
3. A minimum of 2.25 GPA in the minor is required for graduation
4. (F) = Course offered in fall only (S) = Course offered in spring only

Required Courses (18 units)

Course No.	Course Name	Prerequisites
_____ ITSCM 280	Intro to Information Technology	<u>24 credits & 2.5 CUM GPA</u>
_____ ECON 245	Business Statistics	<u>MATH 143 or 243 or 250 or 253</u>
_____ ECON 345	Econometrics	<u>ECON 245 & MATH 243 or 250 or 253</u>
_____ ITSCM 314	Database Design and Administration	<u>ITSCM 280</u>
_____ ITSCM 380	Business Intelligence: Concepts, Methods and Technologies	<u>ITSCM 280 or MCS 214 and ECON 345 OR</u> <u>MATH 342</u>
_____ ITSCM 384	Data Mining for Business Analytics	<u>ITSCM 380</u>

Select 2 of the following Courses (6 units)

Course No.	Course Name	Prerequisites
_____ ITSCM 382	Visualization, Infographics, and Technical Documentation	<u>ITSCM 280</u>
_____ ITSCM 410 (S)	Business Process Management & Simulation	<u>ITSCM 310 or ITSCM 320</u>
_____ ITSCM 414 (S)	Mining Unstructured Data	
_____ ITSCM 471	Introduction to Supply Chain Analytics	<u>ITSCM 306</u>
_____ MARKETNG 445	Marketing & Retail Analytics	<u>MARKETNG 311</u>



Business Law Minor for Business Students - 18 units

(Available to Business Majors)

Restrictions:

1. A maximum of 2 transfer courses and a maximum of 3 units in Special or Independent Study, Correspondence and Internships will be allowed.
2. All 300 and 400 level business courses require 60 credits and 2.0 GPA
3. A minimum of 2.25 GPA in the minor is required for graduation

Required Courses (15 units)

Course No.	Course Name	Prerequisites
_____ FNBSLW 342	Advanced Business and Commercial Law	FNBSLW 341
_____ FNBSLW 455	Corporate Governance and Administrative Law	FNBSLW 341
_____ FNBSLW 442	Estates and Trusts	FNBSLW 341
_____ FNBSLW 433	Creditors' Rights and Bankruptcy	FNBSLW 341
_____ FNBSLW 443	Employment Law	FNBSLW 341

Elective Courses (Select 3 Units)

Course No.	Course Name	Prerequisites
_____ FNBSLW 440	Water Law	
_____ FNBSLW 496	Special Studies	Senior Standing
_____ MANAGEMENT 366	Business Ethics & Social Responsibility	
_____ WOMENST 380	Gender Law and Policy (GS)	Junior Standing or Permission
_____ ACCOUNT 451	Tax I	ACCOUNT 343
_____ ACCOUNT 452	TAX II	ACCOUNT 343 and 451



Economics Minor L&S Emphasis- 21 units (Available to Business and non-Business Majors)

Restrictions:

1. A maximum of 2 transfer courses and a maximum of 3 units in Special or Independent Study, Correspondence and Internships will be allowed.
2. All 300 and 400 level business courses require 60 credits and 2.0 GPA

*Unique Requirements (6 units)

Course No.	Course Name	Prerequisites
_____ ECON 201	Principles of Microeconomics (GS)	<u><i>C or better in Math 141 or waiver</i></u>
_____ ECON 202	Principles of Macroeconomics (GS)	<u><i>ECON 201</i></u>

*Required Courses (15 units)

SELECT 15 UNITS FROM ECONOMICS NUMBERED *ECON 240 OR HIGHER*. IF YOU ARE A BBA STUDENT, THE ECON COURSES APPLIED TO YOUR DEGREE REQUIREMENTS WILL NOT BE LISTED HERE BUT THEY CAN BE APPLIED TO THE MINOR; CHECK WITH THE ECON DEPT FOR INFORMATION.



Environmental Management Minor – 21-23 units

(Available to Business and Non-Business Majors)

Minor Requirements

Course No.	Course Name	Prerequisites
_____ BIOLOGY 214	Ecology and Society (GM)	
_____ OR GEOGRPY 252	Global Environmental Challenges (GS)	
_____ SAFETY 420	Principles of Environment Management	<u>CHEM 102 & COREQ SAFETY 453</u>
_____ SAFETY 453	Fundamentals of Environmental Law	
_____ SAFETY 489	Hazardous Materials Management	<u>CHEM 102 & (CHEM 112 OR 104)</u>

Select **9-11** units from the following

Course No.	Course Name	Prerequisites
_____ CHEM 352	Quantitative Analysis	<u>CHEM 104</u>
_____ CHEM 480	Instrumental Methods of Analysis	<u>CHEM 252 & 352</u>
_____ ECON 471	Natural Resource & Environmental Economics	<u>ECON 201</u>
_____ GEOGRPY 323	Water Resources	<u>GEOGRPY 210 OR GEOLGY 100 OR GEOLGY 101 OR BIOLOGY 142</u>
_____ GEOGRPY 300	Soil Science	<u>GEOGRPY 210 OR GEOLGY 100 OR GEOLGY 101 OR BIOLOGY 142</u>
_____ GEOLGY 301	Environmental Geology (GM)	
_____ SAFETY 493	Air Pollution Evaluation & Control	<u>CHEM 102 & PHYSICS 130</u>



Information Technology Minor -21 units

(Available to Business and Non-Business Majors)

Restrictions:

1. All 200 level business courses require 24 credits and 2.0 GPA (except ECON 201 & 202)
2. All 300 and 400 level business courses require 60 credits and 2.0 GPA
3. A minimum of 2.25 GPA in the minor is required for graduation
4. A maximum of 2 transfer courses and a maximum of 3 units in special or independent study, correspondence, and internships will be allowed.

Required Courses (15 units)

Course No.	Course Name	Prerequisites
_____ ITSCM 180	Intro. to Programming for Business Applications	
_____ ITSCM 221	Information Technology Infrastructure	
_____ ITSCM 280	Intro. to Information Systems	<u>24 Credits & 2.5 GPA</u>
_____ ITSCM 285	Business Web Application Design	<u>Sophomore Standing</u>
_____ ITSCM 385	Agile Project Management	

Elective Courses (6 units)

Course No.	Course Name	Prerequisites
_____ ITSCM 310	Enterprise Systems and Business Process Integration	<u>ITSCM 280</u>
_____ ITSCM 314	Database Design & Administration	<u>ITSCM 280</u>
_____ ITSCM 320	Business Analysis	<u>ITSCM 280</u>
_____ ITSCM 321	Business Systems Design & Implementation	<u>ITSCM 314 & 320</u>
_____ ITSCM 325	Web Development	<u>ITSCM 180 & 285</u>
_____ ITSCM 331	System Administration	<u>ITSCM 180 & 221</u>
_____ ITSCM 332	Network Management	<u>ITSCM 180 & 221</u>
_____ ITSCM 380	Business Intelligence: Concepts, Methods & Technologies	<u>ITSCM 280 & (ECON 245 or MATH 342)</u>
_____ ITSCM 382	Visualization, Infographics, and Technical Documentation	<u>ITSCM 280</u>
_____ ITSCM 384	Data Mining for Business Analytics	<u>ITSCM 380</u>
_____ ITSCM 410	Business Process Management & Simulation	<u>ITSCM 310 OR 320</u>
_____ ITSCM 414	Mining Unstructured Data	
_____ ITSCM 421	Business Systems Analysis & Design Project	<u>ITSCM 321 & (325 or 425)</u>
_____ ITSCM 425	Mobile Development: Concepts, Methods, and Technologies	<u>ITSCM 180 & 285</u>
_____ ITSCM 451	Managing Information Technology Systems	<u>ITSCM 221, 314, 320 & 385</u>
_____ ITSCM 452	Information Assurance and Security	<u>ITSCM 331 & 332</u>



International Business Minor-20/21 units

(Available to Business and Non-Business majors)

Restrictions:

1. All 200 level business courses require 24 credits and 2.0 GPA (except ECON 201 & 202)
2. All 300 and 400 level business courses require 60 credits and 2.0 GPA
3. A minimum of 2.25 GPA in the minor is required for graduation
4. **International Travel Requirement: A credit bearing International Travel Experience or International Business Internship with a minimum value of 3 credits required**

Required Courses (12 units)

Course No.	Course Name	Prerequisites
_____ BEINDP 200	Introduction to International Business	
Select One of the Following ECON Courses: (3 Credits)		
_____ ECON 401	International Economics or	<u>ECON 201</u>
_____ ECON 406	International Finance and Banking or	<u>ECON 202</u>
_____ ECON 431	Economics in Globalization	<u>ECON 201</u>
_____ MANGEMNT 410	International Management	<u>MANGEMNT 301</u>
_____ MARKETNG 361	International Marketing	<u>MARKETNG 311</u>

Elective Courses (8-9 units)

Course No.	Course Name	Prerequisites
_____ ECON 360	Growth and Development in the World Economy	<u>ECON 202</u>
_____ ECON 406	International Finance and Banking	<u>ECON 202</u>
_____ ECON 431	Economics in Globalization	<u>ECON 201</u>
_____ FNBSLW 410	Multinational Business Finance	<u>FNBSLW 344</u>
_____ GEOGRAPHY 332	Political Geography	
OR _____ GEOGRAPHY 452	Cultural Ecology and Sustainable Development	<u>GEOGRPY 230 or 252</u>
_____ ITSCM 465	Global Operations Strategy	<u>ITSCM 450 or 455 or 456</u>
_____ POLISCI 350	International Law or	<u>Sophomore Standing</u>
OR _____ POLISCI 351	International Relations	<u>Sophomore Standing</u>
_____ BEINDP 493	International Business Internship	<u>Consent of the Assistant Dean</u>
<i>in CoBE</i>		
_____ COMM 424	Cross Cultural Communication	<u>COMM 110</u>
_____	8 credits of a single foreign language	

**** Milestone Required: Any 491(Travel Study) or 497 (Exchange Study)**



Non-Profit Management – 21 units

(Available to Business Majors)

Restrictions:

1. All 200 level business courses require 24 credits and 2.0 GPA (except ECON 201 & 202)
2. All 300 and 400 level business courses require 60 credits and 2.0 GPA
3. A minimum of 2.25 GPA in the minor is required for graduation

Required Courses (15 units)

Course No.	Course Name	Prerequisites
_____ MANGEMNT 370	Foundations of Nonprofit and Nongovernmental Orgs.	
_____ MANGEMNT 493	Cooperative/Internship in Management	Junior Standing
_____ POLISCI 330	Public Policy Analysis and Advocacy	Sophomore Standing
_____ MANGEMNT 371	Fundraising for Charities	
_____ MANGEMNT 379	Managing Volunteer Resources	

Elective Courses (6 units)

Course No.	Course Name	Prerequisites
_____ ACINDP 365	Nonprofit Arts Management	
_____ BEINDP 305	Health Services Systems	
_____ ENGLISH 435	Grant/Proposal Writing	ENGLISH 102 or 105
_____ FNBSLW 401	Essentials of Financial Planning	PRE/COREQ: FNBSLW 345
_____ MARKETING 321	Marketing Research	Marketing 311
_____ MANAGEMENT 428	Training and Development	Management 320
_____ MANAGEMENT 498	Independent Study	Junior Standing



Occupational Safety Minor - 24 units

(Available to Business and Non-Business Majors)

Required Courses (18 units)

Course No.	Course Name	Prerequisites
_____ SAFETY 201	Personal and Public Safety (GI)	
_____ SAFETY 380	Industrial Accident Prevention	
_____ SAFETY 388	Occupational Safety & Health Standards & Applications	<u>SAFETY 380</u>
_____ SAFETY 450	Behavioral Aspects of Accident Prevention	<u>Sophomore Status</u>
_____ SAFETY 453	Fundamental of Environmental Law	
_____ SAFETY 468	Ergonomics	

Select two of the following (6 units):

Course No.	Course Name	Prerequisites
_____ SAFETY 383	Introduction to Security	
_____ SAFETY 382	Safety in the Construction Industry	<u>SAFETY 380</u>
_____ SAFETY 420	Principles of Environmental Management	<u>CHEM 102</u>
_____ SAFETY 471	Applied Methods in Ergonomics	<u>SAFETY 488</u>
_____ SAFETY 472	Advanced Industrial Ergonomics	<u>SAFETY 471</u>
_____ SAFETY 487	Product Safety	<u>SAFETY 380</u>
_____ SAFETY 489	Hazardous Materials Management	<u>CHEM 102 & (112 OR 104)</u>
_____ SAFETY 381	Motor Fleet Safety	<u>SAFETY 380</u>



Water Business Minor-25/28 units

(Available to Business majors only)

Restrictions:

The Water Business Minor is available to College of Business & Economics majors only. A GPA of at least 2.5 within the minor is required at time of completion of the minor. Except for one GL course (marked with an asterisk *), courses cannot count towards both the major and the minor. Students must receive department and program approval prior to registering for the Independent Study and Internship courses (marked with a pound symbol #). The elective courses have prerequisites among the Water Business Minor required courses and cannot be taken prior to the completion of the required courses.

Required Courses

Course No.	Course Name	Prerequisites
_____ BIOLOGY 214	Ecology and Society (GM) or	
_____ GEOGRPY 252	Global Environmental Challenges (GS)	
_____ CHEM 100	Chemistry for the Consumer (GL) or	<u>COREQ: MATH 141</u>
_____ CHEM 102	Introductory Chemistry (GL)	<u>PREREQ: MATH 141 with grade "C" or better</u>
_____ GEOGRPY 210	Physical Geography (GL) or	<u>COREQ: MATH 141</u>
_____ GEOLGY 301	Environmental Geology (GM)	

Select 9 units:

Course No.	Course Name	Prerequisites
_____ ACCOUNT 496	Special Studies	
_____ ECON 471	Natural Resources and Environmental Economics	<u>ECON 201</u>
_____ FNBSLW 440	Water Law	
_____ MARKETNG 496	Special Studies	
_____ _____	Any 493 or 498 course in the College of Business and Economics	

Select 2 courses:

Course No.	Course Name	Prerequisites
_____ BIOLOGY 442	Environmental Toxicology	<u>CHEM 102 & BIOLOGY 214 or BIOLOGY 257 with a grade "C" or better</u>
_____ GEOGRPY 323	Water Resources	<u>GEOGRPY 210 or GEOLGY 100 or GEOLGY 101 or BIOLOGY 142 or Consent of Instructor</u>
_____ GEOGRPY 423	Rivers and Floods	<u>GEOGRPY 210 or GEOGRPY 323 or GEOLGY 101 or GEOLGY 100</u>
_____ GEOLGY 300	Principles of Oceanography	<u>COREQ: MATH 141</u>
_____ SOCIOLOGY 319	Environmental Sociology	<u>GENED 130 or GENED 140 or</u>

[SOCIOLOGY 250](#)

