



**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)**

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

**Select 2 of the following Courses (6 units)**

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



## 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	<a href="#">FNBSLW 341</a>
_____ FNBSLW 455	Corporate Governance and Administrative Law	<a href="#">FNBSLW 341</a>
_____ FNBSLW 442	Estates and Trusts	<a href="#">FNBSLW 341</a>
_____ FNBSLW 433	Creditors' Rights and Bankruptcy	<a href="#">FNBSLW 341</a>
_____ FNBSLW 443	Employment Law	<a href="#">FNBSLW 341</a>

### Elective Courses (Select 3 Units)

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



## **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)**

<b>Course No.</b>	<b>Course Name</b>	<b>Prerequisites</b>
_____ 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)	
_____ <b>OR</b> GEOGRPY 252	Global Environmental Challenges (GS)	
_____ SAFETY 420	Principles of Environment Management	<a href="#"><u>CHEM 102 &amp; COREQ SAFETY 453</u></a>
_____ SAFETY 453	Fundamentals of Environmental Law	
_____ SAFETY 489	Hazardous Materials Management	<a href="#"><u>CHEM 102 &amp; (CHEM 112 OR 104)</u></a>

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

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



## 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	<a href="#"><u>24 Credits &amp; 2.5 GPA</u></a>
_____ ITSCM 285	Business Web Application Design	<a href="#"><u>Sophomore Standing</u></a>
_____ ITSCM 385	Agile Project Management	

### Elective Courses (6 units)

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



## 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	
<b>Select One of the Following ECON Courses: (3 Credits)</b>		
_____ ECON 401	International Economics <b>or</b>	<a href="#"><u>ECON 201</u></a>
_____ ECON 406	International Finance and Banking <b>or</b>	<a href="#"><u>ECON 202</u></a>
_____ ECON 431	Economics in Globalization	<a href="#"><u>ECON 201</u></a>
_____ MANGEMNT 410	International Management	<a href="#"><u>MANGEMNT 301</u></a>
_____ MARKETNG 361	International Marketing	<a href="#"><u>MARKETNG 311</u></a>

### Elective Courses (8-9 units)

Course No.	Course Name	Prerequisites
_____ ECON 360	Growth and Development in the World Economy	<a href="#"><u>ECON 202</u></a>
_____ ECON 406	International Finance and Banking	<a href="#"><u>ECON 202</u></a>
_____ ECON 431	Economics in Globalization	<a href="#"><u>ECON 201</u></a>
_____ FNBSLW 410	Multinational Business Finance	<a href="#"><u>FNBSLW 344</u></a>
_____ GEOGRAPHY 332	Political Geography	
<b>OR</b> _____ GEOGRAPHY 452	Cultural Ecology and Sustainable Development	<a href="#"><u>GEOGRPY 230 or 252</u></a>
_____ ITSCM 465	Global Operations Strategy	<a href="#"><u>ITSCM 450 or 455 or 456</u></a>
_____ POLISCI 350	International Law <b>or</b>	<a href="#"><u>Sophomore Standing</u></a>
<b>OR</b> _____ POLISCI 351	International Relations	<a href="#"><u>Sophomore Standing</u></a>
_____ BEINDP 493	International Business Internship	<a href="#"><u>Consent of the Assistant Dean</u></a>
<i>in CoBE</i>		
_____ COMM 424	Cross Cultural Communication	<a href="#"><u>COMM 110</u></a>
_____	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	<a href="#"><u>SAFETY 380</u></a>
_____ SAFETY 450	Behavioral Aspects of Accident Prevention	<a href="#"><u>Sophomore Status</u></a>
_____ 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	<a href="#"><u>SAFETY 380</u></a>
_____ SAFETY 420	Principles of Environmental Management	<a href="#"><u>CHEM 102</u></a>
_____ SAFETY 471	Applied Methods in Ergonomics	<a href="#"><u>SAFETY 488</u></a>
_____ SAFETY 472	Advanced Industrial Ergonomics	<a href="#"><u>SAFETY 471</u></a>
_____ SAFETY 487	Product Safety	<a href="#"><u>SAFETY 380</u></a>
_____ SAFETY 489	Hazardous Materials Management	<a href="#"><u>CHEM 102 &amp; (112 OR 104)</u></a>
_____ SAFETY 381	Motor Fleet Safety	<a href="#"><u>SAFETY 380</u></a>





## 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) <b>or</b>	
_____ GEOGRPY 252	Global Environmental Challenges (GS)	
_____ CHEM 100	Chemistry for the Consumer (GL) <b>or</b>	<u><a href="#">COREQ: MATH 141</a></u>
_____ CHEM 102	Introductory Chemistry (GL)	<u><a href="#">PREREQ: MATH 141 with grade "C" or better</a></u>
_____ GEOGRPY 210	Physical Geography (GL) <b>or</b>	<u><a href="#">COREQ: MATH 141</a></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><a href="#">ECON 201</a></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><a href="#">CHEM 102 &amp; BIOLOGY 214 or BIOLOGY 257 with a grade "C" or better</a></u>
_____ GEOGRPY 323	Water Resources	<u><a href="#">GEOGRPY 210 or GEOLGY 100 or GEOLGY 101 or BIOLOGY 142 or Consent of Instructor</a></u>
_____ GEOGRPY 423	Rivers and Floods	<u><a href="#">GEOGRPY 210 or GEOGRPY 323 or GEOLGY 101 or GEOLGY 100</a></u>
_____ GEOLGY 300	Principles of Oceanography	<u><a href="#">COREQ: MATH 141</a></u>
_____ SOCIOLOGY 319	Environmental Sociology	<u><a href="#">GENED 130 or GENED 140 or</a></u>

[SOCIOLOGY 250](#)

