



**BUSINESS ANALYTICS MINOR - 21 CREDITS**

**(Available to Business & Non-Business Majors)**

**RESTRICTIONS**

1. A minimum of 2.25 GPA in the minor is required for graduation
2. A maximum of 2 transfer courses and a maximum of 3 credits in Special or Independent Study, Correspondence and Internships will be allowed.

For more detailed information visit [ITSCM Department Website](#) or [Business Analytics Minor Requirements](#)

**REQUIRED COURSES (15 credits)**

Course No.	Course Name	Prerequisites
____ ITSCM 180	Introduction to Programming	
____ ITSCM 230	Introduction to Business Analytics	<i>24 credits, 2.0 GPA</i>
____ ECON 245	Business Statistics	<i>MATH 143 OR 152 OR 243 OR 250 OR 253, 2.0 GPA</i>
____ ITSCM 314	Database Design and Administration	<i>60 credits, 2.0 GPA</i>
____ ITSCM 384 (FO)	Data Mining for Business Analytics	<i>ITSCM 180 &amp; ITSCM 230, 2.0 GPA</i>

**OR**

____ ITSCM 414 (S)	Mining Unstructured Data	<i>ITSCM 180 &amp; ITSCM 230, 2.0 GPA</i>
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**ELECTIVE COURSES (6 credits)**

Course No.	Course Name	Prerequisites
____ ITSCM 210	Sports Analytics	<i>2.0 GPA</i>
____ ITSCM 382	Visualization, Infographics, & Technical Documentation	<i>ITSCM 280, 2.0 GPA</i>
____ ITSCM 384 (FO)	Data Mining for Business Analytics	<i>ITSCM 180 &amp; ITSCM 230, 2.0 GPA</i>
____ ITSCM 410 (SO)	Business Process Analytics & Management	<i>ITSCM 230 OR TSCM 310 OR ITSCM 320, 2.0 GPA</i>
____ ITSCM 414 (S)	Mining Unstructured Data	<i>ITSCM 180 &amp; ITSCM 230, 2.0 GPA</i>
____ ITSCM 420	Data Wrangling	<i>ITSCM 314, 2.0 GPA</i>
____ ITSCM 440	Business Analytics Practicum	<i>2.0 GPA</i>
____ ITSCM 450 (F,SO)	Logistics & Production Systems	<i>ITSCM 306, 2.0 GPA</i>
____ ITSCM 457 (S)	Warehouse Analytics & Technologies	<i>ITSCM 306, 2.0 GPA</i>
____ ITSCM 458 (S)	Global Sourcing & Transportation	<i>ITSCM 306, 2.0 GPA</i>
____ ITSCM 471 (F,SO)	Introduction to Supply Chain Analytics	<i>ITSCM 306, 2.0 GPA</i>
____ ITSCM 493	IT Internship	<i>DEPARTMENT CONSENT, 2.0 GPA</i>
____ ITSCM 495	Emerging Topics	<i>2.0 GPA</i>
____ MARKETNG 351	Introduction to Digital Marketing	<i>MARKETNG 211, 2.0 GPA</i>
____ MARKETNG 352	Social Media & Content Marketing	<i>MARKETNG 211, 2.0 GPA</i>
____ MARKETNG 353 (S)	Advanced Digital Marketing	<i>MARKETNG 211 &amp; 351, 2.0 GPA</i>
____ MARKETNG 445	Marketing & Retail Analytics	<i>MARKETNG 211, 2.0 GPA</i>
____ MARKETNG 493D	Internship in Marketing – Digital Marketing Emphasis	<i>24 credits &amp; DEPARTMENT CONSENT, 2.0 GPA</i>
____ ECON 345	Econometrics	<i>ECON 245, 2.0 GPA</i>

**OR**

____ STAT 342	Applied Statistics	<i>MATH 250 OR 253 WITH A GRADE OF C OR BETTER &amp; STAT 263 OR COMPSCI 172 OR COMPSCI 174, 2.0 GPA</i>
____ ECON 446	Advanced Econometrics	<i>ECON 345 WITH C+ OR BETTER, 2.0 GPA</i>

**OR**

____ STAT 420 (F)	Applied Regression Analysis	<i>STAT 342 OR CONSENT OF INSTRUCTOR, 2.0 GPA</i>
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(F) = Course only offered F2F in fall, (FO) = Course only offered online in fall, (S) = Course only offered F2F in spring, (SO) = Course only offered in spring online