

B.S. IN BUSINESS MANAGEMENT - BUSINESS PROCESSES AND DATA ANALYTICS CONCENTRATION

College of Business and Public Management

Curriculum

Code	Title	Credits
GENERAL EDUCATION REQUIREMENTS (http://catalog.wcupa.edu/undergraduate/general-education-requirements/)		
Academic Foundations		
First Year Experience requirement		4
English Composition requirement		6-7
Mathematics requirement ¹		3-4
Select one of the following:		
MAT 113	Algebra and Functions ³	
MAT 115	Algebra, Functions, and Trigonometry	
MAT 131	Precalculus	
MAT 143	Brief Calculus ²	
MAT 161	Calculus I ²	
Interdisciplinary requirement		3
Diverse Communities requirement		3
Ethics requirement		3
Distributed Disciplinary Foundations		
Science requirement ⁸		6-8
GEO 104	Introduction to Geospatial Technology and Analytics	
or CSC 112 Programming & Data Science		
Behavioral & Social Science requirement ⁶		6
ECO 111	Principles of Economics (Macro) ¹	
or ECO 112 Principles of Economics (Micro)		
Humanities requirement		6
Select one of the following:		
PHI 101	Introduction to Philosophy ⁴	
PHI 150	Critical Thinking and Problem Solving ⁴	
PHI 180	Introduction to Ethics ⁴	
Arts requirement		3
ADDITIONAL BACCALAUREATE REQUIREMENTS (http://catalog.wcupa.edu/undergraduate/general-education-requirements/)		
University Requirements		
Writing Emphasis requirement		9
Speaking Emphasis requirement		9
SPK 208	Public Speaking	
or SPK 230 Business and Professional Speech Communication		
Degree Requirements		
Capstone requirement		1-15
MAJOR REQUIREMENTS		
Pre-Business Requirements ^{1,5}		
ECO 111	Principles of Economics (Macro) ⁶	3
ECO 112	Principles of Economics (Micro) ⁶	3
ACC 201	Financial Accounting	3
ECO 251	Business Analytics I	3

MAT 143	Brief Calculus ²	3
or MAT 161 Calculus I		
MGT 200	Principles of Management	3
MKT 250	Principles of Marketing	3
Business Core ¹		
ACC 202	Managerial Accounting	3
BLA 201	Legal Environment of Business	3
ECO 351	Business Analytics II	3
FIN 325	Corporate Finance	3
MGT 313	Business and Society	3
MGT 341	Production and Operations Management	3
MGT Requirements ¹		
MIS 300	Introduction to Management Information Systems	3
MGT 498	Seminar in Management	3
BPDA Concentration Courses ¹		
MIS 302	Data Analytics	3
MIS 303	Simulation	3
MIS 304	Business Systems & Processes	3
SCM 351	Supply Chain Management	3
BPDA Elective ¹		
Select a Data Analytics elective below or a Data Analytics-related course with department approval. Choose any courses from the following:		3
MIS 301	Introduction to Business's Software	
MGT 411	Communicating Business Insights and Ethics in Big Data	
FIN 336	Python for Business Analytics I	
ECO 361	Business Analytics Using R	
MKT 368	Customer Database Management	
SCM Electives ¹		
Choose any two 300-level or above courses within the Supply Chain Management area (SCM prefix) that are not already required courses like SCM 351.		6
Capstone Requirement		
MGT 499	Business Policy and Strategy ^{1,7}	3
Student Electives		
Select 12 credits of free electives.		12
Total Minimum Credits Required		120

¹ A minimum grade of C must be attained in each of these courses. If not, the course must be repeated until a C minimum is earned. Students are limited to six course repeats; a single course may not be repeated more than twice.

² If either of these MAT courses is completed with a grade of C or better to fulfill general requirements, then a free elective maybe substituted.

³ Course substitutions for MAT 113 are MAT 115 or MAT 131.

⁴ Management's philosophy gen ed requirement waived for students with Academic Passport.

⁵ Must be completed prior to applying to any business major.

⁶ ECO 111 and ECO 112 are required and count toward Behavioral and Social Science credits. ECO 111 and ECO 112 are also Pre-Business requirements.

⁷ This course fulfills the Capstone requirement.

⁸ Internal/external transfer students who have already taken two approved general education science classes are exempt from CSC 112 or GEO 104.

Sample Course Plan

To track their individual degree progress, students are advised to access their Degree Progress Report (DPR) via myWCU regularly. For more information, visit wcupa.edu/DegreeProgressReport (<http://wcupa.edu/degreeprogressreport/>).

The following is a sample suggested course sequence for this program; course offerings and availability are not guaranteed. Students should consult their academic advisor with any questions.

Course	Title	Credits
Year One		
Fall		
ECO 111	Principles of Economics (Macro)	3
MAT 113	Algebra and Functions	3
or	or Algebra, Functions, and	
MAT 115	Trigonometry	
or	or Precalculus	
MAT 131		
WRT 120	Effective Writing I	3
FYE 100X	First-Year Experience	4
Behavioral & Social Science Gen Ed		3
Credits		16
Spring		
ECO 112	Principles of Economics (Micro)	3
MAT 143	Brief Calculus	3
or	or Calculus I	
MAT 161		
CSC 112	Programming & Data Science	3
or	or Introduction to Geospatial	
GEO 104	Technology and Analytics	
WRT 2XX	200-Level WRT Course	3
Humanities Gen Ed		3
Credits		15
Year Two		
Fall		
MGT 200	Principles of Management	3
ACC 201	Financial Accounting	3
ECO 251	Business Analytics I	3
SPK 208	Public Speaking	3
or	or Business and Professional Speech	
SPK 230	Communication	
Science Gen Ed		3
Credits		15
Spring		
ACC 202	Managerial Accounting	3
BLA 201	Legal Environment of Business	3
MKT 250	Principles of Marketing	3
PHI 101	Introduction to Philosophy	3
or	or Critical Thinking and Problem	
PHI 150	Solving	
or	or Introduction to Ethics	
PHI 180		
Interdisciplinary Gen Ed		3
Credits		15
Year Three		
Fall		
MGT 341	Production and Operations Management	3
ECO 351	Business Analytics II	3
FIN 325	Corporate Finance	3

MIS 300	Introduction to Management Information Systems	3
Arts Gen Ed		3
Credits		15
Spring		
MIS 302	Data Analytics	3
MIS 303	Simulation	3
SCM 351	Supply Chain Management	3
MGT 313	Business and Society	3
Diverse Communities Gen Ed		3
Credits		15
Year Four		
Fall		
MIS 304	Business Systems & Processes	3
SCM XXX	SCM Elective	3
BPDA Elective		3
Free Elective		3
Free Elective		3
Credits		15
Spring		
MGT 498	Seminar in Management	3
MGT 499	Business Policy and Strategy	3
SCM XXX	SCM Elective	3
Free Elective		3
Free Elective		3
Credits		15
Total Credits		121