



Business Analytics Minor Curriculum Checklist

Name (Fname Lname):	UID:	Home College/School:
Email:	Cell Phone:	
Primary Major:	Business Analytics minor courses will overlap with: (list the major and course)	
Additional Major or Minor:	1. Major:	Course(s):
	2. Major:	Course(s):
<p>** Students may use a <u>maximum of six credits</u> (or two courses) to satisfy the requirements of any major listed on university record with any minor. Additionally, courses completed in one minor may <u>not</u> be used to satisfy the requirements of another minor.</p>		
<p>I plan to graduate: Fall _____ Spring _____ Summer _____ (please add the graduation year)</p>		

Smith Business Analytics Minor Curriculum

Curriculum consists of 15 credits: three pre-requisites, three required courses and two approved electives.
A grade of C- or better is required in all minor courses. *Consult Testudo for course restrictions.*

Pre-requisite courses: BMGT110, BMGT230 (or equivalent), MATH120 (or equivalent). BMGT110 is not required prior to application but must be completed in order to graduate with the minor.

Courses	Credits	Grade	Semester
Required Courses (9 credits)			
BMGT 402 – Database Systems [Substitutes: CMSC424 – Data Design <u>or</u> INST327 – Database Design and Modeling]	3		
BMGT430 – Data Modeling in Business [Substitutes: ECON422 – Econometrics II <u>or</u> ECON424 – Applied Econometrics]	3		
BMGT431 – Data Analytics	3		
Electives (6 credits)			
LIST A*: Minimum 3-6 credits from this list			
BMGT404 Developing Applications for Decision Analytics [Substitute: CMSC320 – Introduction to Data Science]	3		
BMGT434 Introduction to Optimization	3		
BMGT435 Business Simulation [Substitute: ENCE402 – Simulation & Design of Experiments]	3		
BMGT 408E Big Data and Artificial Intelligent in Business	3		
BMGT 408V Data Visualization and Web Analytics	3		
LIST B**: Maximum 3 credits from the following (or other electives by permission of Program Director)			
BMGT438A Applied Quantitative Analysis (QUEST only)	3		
BMGT447 Computational Finance (formerly BMGT448E)	3		
BMGT484 Digital Marketing	3		
CMSC422 Introduction to Machine Learning	3		
ECON414 Game Theory (ECON majors)	3		
ENEE439M Introduction to Machine Learning	3		
INST414 Data Science Techniques	3		
STAT430 Introduction to Statistical Computing with SAS	3		
Total Credits	15		

***List A Electives:** Please consult Smith Minor Advising via smithminors@rsmith.umd.edu regarding pre-requisites

****List B Electives:** Maximum 3 credits count towards minor; electives are major respective and require all listed pre-requisites