



**Bachelor of Applied Science  
Data Analytics  
2021-2022**

**VCCS  
Transfer Guide**

Mason Core Requirements <a href="http://catalog.gmu.edu/mason-core">http://catalog.gmu.edu/mason-core</a>		
	VCCS Course	Notes
<b>Foundation</b>		
Lower-Level Written Communication: ENGH 101	ENGH 101	<b>Must be completed prior to application.</b>
Oral Communication:	CST 110	
Quantitative Reasoning:	MTH 154	<b>Must be completed prior to application.</b>
Information Technology & Computing:	ITE 119	
<b>Exploration</b>		
Arts:	Full list of Mason Core equivalencies is available at <a href="http://ist.gmu.edu/go/transfer-core">http://ist.gmu.edu/go/transfer-core</a>	
Global Understanding:		
Literature:		
Natural Science, lab:		
Natural Science, non-lab:		
Social & Behavioral Science:		
Western Civilization/World History:		
<b>Integration</b>		
Upper-Level Written Communication: ENGH 302	n/a	Mason Only

Major: Core Requirements		
<b>BAS 300</b> Building Professional Competencies	n/a	Mason Only
<b>BAS 490</b> Introduction to Research Methods	n/a	Mason Only
<b>BAS 491</b> Applied Sciences Capstone <i>(fulfills synthesis requirement)</i>	n/a	Mason Only
Major: Concentration Requirements		
<b>MATH 108</b> Intro Calc. w/Business Applications -or- <b>MATH 113</b> Analytic Geom. & Calc. I	MTH 261/263	
<b>STAT 250</b> Introductory Statistics I	MTH 245	
<b>STAT 350</b> Introductory Statistics II	MTH 242/246	Transfers as a lower-level course
<b>STAT 362</b> Introduction to Computer Statistical Packages	n/a	Mason Only
<b>STAT 463</b> Introduction to Exploratory Data Analysis	n/a	Mason Only
<b>IT 102</b> Discrete Structures -or- <b>MATH 125</b> Discrete Mathematics	MTH 288	
<b>IT 106</b> Intro IT Prblm Solving using Comp Programming -or- <b>IT 109</b> Intro Computer Programming	ITP 120 ITP 150	Bridge course may be required. Contact advisor for more info.
<b>IT 206</b> Object Oriented Techniques for IT Prblm Solving -or- <b>IT 209</b> Intro to Object Oriented Programming	n/a	Mason Only
<b>IT 306</b> Data Structures & Algorithms in Java -or- <b>IT 309</b> Data Structures & Algorithms in Python	n/a	Mason Only
<b>IT 343</b> IT Project Management <i>(fulfills writing intensive requirement)</i>	n/a	Mason Only
Major: Applied Coursework		
<i>Select 9 credit hours of applied coursework from the Catalog. Courses not listed may be selected in consultation with the advisor.</i>		
1.	n/a	Mason Only
2.	n/a	Mason Only
3.	n/a	Mason Only

Other Requirements	
<b>Final AAS Transcript Received?</b>	<b>YES / NO</b>
	If no, submission deadline: _____
<b>120 Total Credits</b> <i>Most BAS-DNIC students will graduate with 125+ credits</i>	_____/120
<b>45 Upper-Division Credits</b> (Courses numbered 300-499) <i>**In order to meet this requirement, most BAS-DNIC students will need to make one Mason Core Exploration course upper-level.**</i>	_____/45
<b>Grade of C or better in all Major Core, Concentration, and Applied Coursework courses</b>	_____