



**Bachelor of Applied Science  
Cloud Computing  
Cloud Technology Track  
2020-2021**

Name: \_\_\_\_\_

G Number: \_\_\_\_\_

Date: \_\_\_\_\_

Mason Core Requirements <a href="http://catalog.gmu.edu/mason-core">http://catalog.gmu.edu/mason-core</a>		
	Completed?	Notes
<b>Foundation</b>		
Lower-Level Written Communication: ENGH 101		
Oral Communication:		
Quantitative Reasoning:		
Information Technology & Computing:		
<b>Exploration</b>		
Arts:		
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		

Major: Core Requirements		
<b>BAS 300</b> Building Professional Competencies		
<b>BAS 490</b> Introduction to Research Methods		
<b>BAS 491</b> Applied Sciences Capstone <i>(fulfills synthesis requirement)</i>		
Major: Additional Concentration Requirements		
<b>MATH 108</b> Intro Calc. w/Bus App <i>or</i> <b>MATH 113</b> Analytic Geom. & Calc. I		
<b>IT 102</b> Discrete Structures <i>or</i> <b>MATH 125</b> Discrete Mathematics		
<b>IT 104</b> Introduction to Computing		
<b>IT 105</b> IT Architecture Fundamentals		
<b>IT 106</b> IT Problem Solving <i>or</i> <b>IT 109</b> Intro Computer Programming		
<b>IT 300</b> Modern Telecommunications		
<b>IT 341</b> Data Communications and Network Principles		
<b>IT 343</b> IT Project Management <i>(fulfills writing intensive requirement)</i>		
<b>IT 442</b> Cloud Infrastructure		
<b>IT 451</b> Cloud Services Management		
<b>IT 461</b> Application Development in Cloud		
<b>IT 471</b> Big Data on Cloud Systems		
<b>IT 481</b> Cloud Security		

Graduation Checklist	
<b>120 Total Credits</b> <i>Most BAS-CYBS 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 Cloud Technology students will need to make three Mason Core courses upper-level.</i>	_____/45
<b>Grade of C or better in all Major Core and Concentration courses</b>	_____