

## 2020-2021 Program Map – BS Mathematics (Statistics & Actuary Track)

YEAR 1			
TERM1		TERM 2	
Courses	Credits	Courses	Credits
MATH 1113 (Core A2(3), F (1)): Precalculus	4	MATH 1634 (Core D2(3), F (1)): Calculus I	4
ENGL 1101 (Core A1): English Composition I	3	MATH 2009 (Core F): Sophomore Seminar	1
Core E1: World History	3	CS 1300 (Core F): Introduction to Computer Science	4
Core E3: American/ Georgia Government	3	ENGL 1102 (Core A1): English Composition II	3
Core B2: Other Institutional options	2	Core E2: American History	3
<b>SEMESTER TOTAL</b>	<b>14</b>	<b>SEMESTER TOTAL</b>	<b>15</b>
Milestones		Milestones	
<ul style="list-style-type: none"> <li>• Complete ENGL 1101 C or better</li> </ul>		<ul style="list-style-type: none"> <li>• Complete A1 requirement</li> <li>• Complete Calculus I</li> </ul>	
YEAR 2			
TERM1		TERM2	
Course	Credits	Course	Credits
MATH 2644 (Core F): Calculus II	4	MATH 2654 (Core F): Calculus III	4
MATH 2853 (Core F): Elementary Linear Algebra	3	MATH 3003W: Transition to Advanced Mathematics	3
CS 1301: Computer Science II	3	MATH 4203: Mathematical Probability	3
Core B1: Written and Oral Communication	3	Core D1 science with lab	4
Core C1: Fine Arts	3		
<b>SEMESTER TOTAL</b>	<b>16</b>	<b>SEMESTER TOTAL</b>	<b>14</b>
Milestones		Milestones	
<ul style="list-style-type: none"> <li>• Complete Calculus II</li> <li>• Complete CS requirement</li> </ul>		<ul style="list-style-type: none"> <li>• Complete Calculus sequence</li> <li>• Complete D1 requirement</li> </ul>	

**\*\*This program map is intended ONLY as a guide for students to plan their course of study. It does NOT replace any information in the Undergraduate Catalog, which is the official guide for completing degree requirements\*\***

Core Curriculum (A-E) can be viewed here: <https://www.westga.edu/student-services/registrar/core-curriculum.php>

Student Online Resources:

- [www.westga.edu/advising](http://www.westga.edu/advising) (Learn about: The name of your assigned advisor, program maps for all programs at UWG, tutorials on how to register and your wolf watch evaluation).
- [www.westga.edu/scoop](http://www.westga.edu/scoop) (Learn about: Fee payment deadlines, withdrawal deadlines, final exam schedules).
- [www.westga.edu/esc](http://www.westga.edu/esc) (Learn about: Requesting a transcript, financial aid information, requesting an enrollment verification, completing a FERPA form).
- [www.westga.edu/careerservices](http://www.westga.edu/careerservices) (Learn about: On/Off campus job opportunities, major and career exploration, resumes & cover letters, interviewing tips).
- [www.westga.edu/cas](http://www.westga.edu/cas) (Learn about: tutoring, academic coaching, supplemental instruction, success workshops).

YEAR 3			
TERM1		TERM2	
Course	Credits	Course	Credits
MATH 3243W: Advanced Calculus	3	MATH 4813: Regression Analysis	3
MATH 4213: Mathematical Statistics	3	MATH 4823: Applied Experimental Design	3
MATH 4803: Analysis of Variance	3	Directed Elective I	3
Core C2: Humanities	3	Directed Elective II	3
Core E4: Social Science Elective	3	Elective	3
SEMESTER TOTAL	15	SEMESTER TOTAL	15
Milestones		Milestones	
<ul style="list-style-type: none"> <li>Complete DSW requirement</li> </ul>			

YEAR 4			
TERM1		TERM2	
Course	Credits	Course	Credits
MATH 4833: Applied Nonparametric Statistics	3	MATH 4843: Introduction to Sampling	3
Core D1 science with lab	4	MATH 4983: Senior Project	1
Directed Elective 3	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
		Elective	2
SEMESTER TOTAL	15	SEMESTER TOTAL	15
Milestones		Milestones	
<ul style="list-style-type: none"> <li>Complete Core requirement</li> </ul>		<ul style="list-style-type: none"> <li>Complete 120-hour credit requirement</li> </ul>	