

# BS Mathematics

## 4-Year Course Sequence

Students should consult with their advisor to determine their plan of study.  
 Students must take 128 credit hours to graduate with an average of 16 credit hours per semester.



GEORGE HERBERT WALKER  
 School of Business & Technology

Semester	Course Type	# Credit Hours
<b>First Year</b>		
<b>Fall</b>		
	MATH 1610 Calculus I	5
	COSC 1550 Computer Programming I	3
	First-Year Seminar	3
	GCP	3
	<b>Total:</b>	<b>14</b>
<b>Spring</b>		
	MATH 1620 Calculus II	5
	COSC 1560 Computer Programming II	3
	GCP	3
	General Elective	6
	<b>Total:</b>	<b>17</b>
<b>Second Year</b>		
<b>Fall - Study Abroad</b>		
	GCP	6
	General Elective	9
	<b>Total:</b>	<b>15</b>
<b>Spring</b>		
	MATH 2450 Introduction to Abstract Mathematics	3
	WSBT 2000 Career Exploration for Professional Success	3
	GCP	6
	General Elective	3
	<b>Total:</b>	<b>15</b>
<b>Third Year</b>		
<b>Fall</b>		
	MATH 3000 Calculus III	5
	MATH 3010 Discrete Mathematics	3
	MATH 3200 Statistics	3
	MATH 3500 Introduction to Algebraic Structures	3
	General Elective	3
	<b>Total:</b>	<b>17</b>
<b>Spring</b>		
	MATH 3160 Linear Algebra	3
	MATH 3040 Differential Equations	3
	GCP	3
	General Elective	9
	<b>Total:</b>	<b>18</b>
<b>Fourth Year</b>		
<b>Fall</b>		
	MATH 3610 Probability	3
	MATH 3220 Data Mining Methods	3
	Keystone	3
	General Elective	9
	<b>Total:</b>	<b>18</b>
<b>Spring</b>		
	MATH 3530 Modern Geometry	3
	MATH 3020 Numerical Analysis	3
	General Elective	9
	<b>Total:</b>	<b>15</b>
	<b>BS Mathematics</b>	<b>51</b>
	<b>Freshman Seminar and Keystone</b>	<b>6</b>
	<b>GCP (one MATH coded course may be used for the GCP "Quantitative Literacy" requirement)</b>	<b>21</b>
	<b>WSBT 2000 Career Exploration for Professional Success</b>	<b>3</b>
	<b>General Electives or Minor</b>	<b>48</b>
	<b>Total:</b>	<b>129</b>