

# Atlanta Metropolitan State College

Associate of Science with a Major in Biological Sciences

## GUIDED PATHWAY

Freshman Year									
	Fall Semester					Spring Semester			
Areas	Course #	Course Name	Credit Hours	PREQ	Course #	Course Name	Credit Hours	PREQ	
<b>Area A</b> Essential Skills	ENGL 1101	English Composition I	3						
	MATH 1113	Pre-Calculus	3		ENGL 1102	English Composition II	3		
<b>Area B</b> AMSC Institutional Requirement					AMIR 1001	Thinking, Learning and Communicating in Contemporary Society	4		
<b>Area C</b> Humanities & Fine Arts									
<b>Area D</b> Science, Math. & Technology					MATH 2201	Analytic Geometry and Calculus I	4		
<b>Area E</b> Social Sciences	POLS 1101	American Government	3		HIST 2111 or 2112	United States History I or II	3		
<b>Area F</b> Program of Study Courses	BIOL/BLAB 1107	Principles of Biology I + Laboratory	4		BIOL/BLAB1108	Principles of Biology II + Laboratory	4		
<b>Additional Requirements</b>	FYEX 1630	First year Experience	1						
<b>Total Hours</b>			<b>14</b>		<b>Total Hours</b>			<b>18</b>	<b>32</b>

**Freshman  
Year Total  
Credit  
Hours**

Sophomore Year									
	Fall Semester					Spring Semester			
Areas	Course #	Course Name	Credit Hours	PREQ	Course #	Course Name	Credit Hours	PREQ	
<b>Area A</b> Essential Skills									
<b>Area B</b> AMSC Institutional Requirement									
<b>Area C</b> Humanities & Fine Arts	Fine Arts	Elective	3		Humanities	Elective	3		
<b>Area D</b> Science, Math. & Technology	PHYS/PLAB1111	Introductory Physics I+ Lab	4		PHYS/PLAB1112	Introductory Physics II + Laboratory	4		
<b>Area E</b> Social Sciences	PSYC 1101	Introduction to Psychology	3		Social Science	Elective	3		
<b>Area F</b> Program of Study Courses	CHEM /CLAB 1211	Principles of Chemistry I + Laboratory	4						
	BIOL 2246	Topics in Biology	2		CHEM/CLAB1212	Principles of Chemistry II + Laboratory	4		
<b>Additional Requirements</b>					PHED 1105 or 2240 or 2105	PE Lecture Course	3		
<b>Total Hours</b>			<b>16</b>		<b>Total Hours</b>			<b>17</b>	<b>33</b>

**Sophomore  
Year Total  
Credit  
Hours**

**Note:** *This program map is to be used as a general guide—it does not guarantee course availability.*

- Must take prerequisite before enrolling
- Course serves as a prerequisite
- + Minimum grade of "C" required
- \* Recommended Elective
- \*\* Elective selected in consultation with Academic Advisor