

**Academic Pathways Map**  
**Computer Science Transfer to MSU**  
A.S.  
**Computer Science and Technology**

**Start Here**

<b>SEMESTER 1</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI100	INTRODUCTION TO PROGRAMMING	3	*	
M171	CALCULUS I	4	*	
NASX105	INTRODUCTION TO NATIVE AMERICAN STUDIES	3		
WRIT101	COLLEGE WRITING I	3		
PHL110	PROBLEMS OF GOOD AND EVIL	3		

**TOTAL CREDITS 16**

<b>SEMESTER 2</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI111	PROGRAMMING WITH JAVA I	3	*	
M172	CALCULUS II	4		
PHSX220	PHYSICS I (W/ CALCULUS)	4		
CSCI240	DATABASES AND SQL	3		
STAT216	INTRODUCTION TO STATISTICS	3		

**TOTAL CREDITS 17**

<b>SEMESTER 3</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI121	PROGRAMMING WITH JAVA II	3		
CSCI215	SOCIAL AND ETHICAL ISSUES IN CS	3		
CSCI246	DISCRETE STRUCTURES	3		
CSCI205	PROGRAMMING LANGUAGES WITH C/C++	3		
PHSX222	PHYSICS II (W/ CALCULUS)	4		

**TOTAL CREDITS 16**

<b>SEMESTER 4</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI232	INTERMEDIATE DATA STRUCTURES AND ALGORITHMS	4	*	
MART145	WEB DESIGN	3		
COMX111	INTRODUCTION TO PUBLIC SPEAKING	3		
PSYX100	INTRODUCTION TO PSYCHOLOGY	3		
SOCI101	INTRODUCTION TO SOCIOLOGY	3		

**TOTAL CREDITS 16**

**You are finished!**

**Pathway Advising Notes:** none

**Course Advising Notes:** WRIT101: WRIT121 could possibly work better but it would have to work with AS degree.