

**Academic Pathways Map**  
**Software Development Part Time**  
**A.A.S.**  
**Business and Accounting**

**Start Here**

<b>SEMESTER 1</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI100	INTRODUCTION TO PROGRAMMING	3	*	
CSCI194	CT SEMINAR	2		
ITS164	NETWORKING FUNDAMENTALS	3		
<b>TOTAL CREDITS</b>		<b>8</b>		

<b>SEMESTER 2</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI111	PROGRAMMING WITH JAVA I	3	*	
CSCI240	DATABASES AND SQL	3		
ITS165	INTRODUCTION TO OPERATING SYSTEMS AND THE COMMAND LINE	3		
<b>TOTAL CREDITS</b>		<b>9</b>		

<b>SEMESTER 3</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
WRIT121T	INTRODUCTION TO TECHNICAL WRITING	3		
M115	PROBABILITY AND LINEAR MATHEMATICS	3		
<b>TOTAL CREDITS</b>		<b>6</b>		

<b>SEMESTER 4</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI121	PROGRAMMING WITH JAVA II	3	*	
MART145	WEB DESIGN	3		
<b>TOTAL CREDITS</b>		<b>6</b>		

<b>SEMESTER 5</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI257	WEB SERVICES	3		
ITS224	INTRODUCTION TO LINUX	3		
CSCI211	CLIENT SIDE WEB DEVELOPMENT	3		
<b>TOTAL CREDITS</b>		<b>9</b>		

<b>SEMESTER 6</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI245	MODERN DATABASE SYSTEMS	3		
CSCI276	APPLICATION SECURITY	3		
<b>TOTAL CREDITS</b>		<b>6</b>		

<b>SEMESTER 7</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
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ITS279	CLOUD SYSTEMS	3		
CSCI206	.NET APPLICATIONS	4	*	
COMX106	COMMUNICATING IN A DYNAMIC WORKPLACE	2		

TOTAL CREDITS 9

SEMESTER 8		CREDITS	MILESTONE	✓
CSCI221	SYSTEMS ANALYSIS AND DESIGN	3		
Choose 1 of 2	CSCI292, CSCI298	2		

TOTAL CREDITS 5

SEMESTER 9		CREDITS	MILESTONE	✓
ITS221	PROJECT MANAGEMENT	3		
CSCI299	SENIOR CAPSTONE	2		

TOTAL CREDITS 5

**You are finished!**

**Pathway Advising Notes:** none

**Course Advising Notes:** CSCI194: Portfolio introduced

WRIT121T: WRIT 121 offered fall and spring only. WRIT 101 College Writing is offered every summer and is an approved option for this requirement.

CSCI211: ? Fall only?