

**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		

**TOTAL CREDITS 8**

<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		

**TOTAL CREDITS 9**

<b>SEMESTER 3</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
WRIT121	Introduction to Technical Writing	3		
M115	Probability and Linear Mathematics	3		

**TOTAL CREDITS 6**

<b>SEMESTER 4</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI121	Programming with Java II	3	*	
CSCI211	Client Side Programming	3		

**TOTAL CREDITS 6**

<b>SEMESTER 5</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI257	Web Services	3		
ITS224	Introduction to Linux	3		
MART145	Web Design	3		

**TOTAL CREDITS 9**

<b>SEMESTER 6</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CSCI245	Modern Database Systems	3		
CSCI276	Application Security	3		

**TOTAL CREDITS 6**

SEMESTER 7		CREDITS	MILESTONE	✓
ITS279	Cloud Systems	3		
CSCI206	.Net Applications	4	*	
COMX115	Introduction to Interpersonal Communication	3		
<b>TOTAL CREDITS</b>		<b>10</b>		

SEMESTER 8		CREDITS	MILESTONE	✓
CSCI221	Systems Analysis and Design	3		
Choose 1 of 2	CSCI292, CSCI298	2		
<b>TOTAL CREDITS</b>		<b>5</b>		

SEMESTER 9		CREDITS	MILESTONE	✓
ITS221	Project Management	3		
CSCI299	Senior Capstone	2		
<b>TOTAL CREDITS</b>		<b>5</b>		

**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.