

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

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
CSCI100	INTRODUCTION TO PROGRAMMING	3	*	
CSCI194	CT SEMINAR	2		
ITS164	NETWORKING FUNDAMENTALS	3		

TOTAL CREDITS 8

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

TOTAL CREDITS 9

SEMESTER 3		CREDITS	MILESTONE	✓
WRIT121	INTRODUCTION TO TECHNICAL WRITING	3		
M115	PROBABILITY AND LINEAR MATHEMATICS	3		

TOTAL CREDITS 6

SEMESTER 4		CREDITS	MILESTONE	✓
CSCI121	PROGRAMMING WITH JAVA II	3	*	
CSCI211	CLIENT SIDE PROGRAMMING	3		

TOTAL CREDITS 6

SEMESTER 5		CREDITS	MILESTONE	✓
CSCI257	WEB SERVICES	3		
ITS224	INTRODUCTION TO LINUX	3		
MART145	WEB DESIGN	3		

TOTAL CREDITS 9

SEMESTER 6		CREDITS	MILESTONE	✓
CSCI245	MODERN DATABASE SYSTEMS	3		
CSCI276	APPLICATION SECURITY	3		

TOTAL CREDITS 6

SEMESTER 7		CREDITS	MILESTONE	✓
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ITS279	CLOUD SYSTEMS	3		
CSCI206	.NET APPLICATIONS	4	*	
COMX115	INTRODUCTION TO INTERPERSONAL COMMUNICATION	3		

TOTAL CREDITS 10

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.