

Academic Pathways Map
Software Development Part Time
A.A.S.
Computer Science & Technology

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
CSCI100	Introduction to Programming	3	*	
COLS101	First Year Seminar	3		
ITS164	Networking Fundamentals	3		

TOTAL CREDITS 9

SEMESTER 2		CREDITS	MILESTONE	✓
CSCI111	Programming With Java I	3	*	
CSCI240	Databases and SQL	3		
CSCI176	Applied Machine Learning and Artificial Intelligence	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	✓
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.