

Academic Pathways Map

Software Development

A.A.S.

Computer Science and Technology

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
CSCI100	Introduction to Programming	3	*	
COLS101	First Year Seminar	3		
ITS164	Networking Fundamentals	3		
M115	Probability and Linear Mathematics	3		
WRIT121	Introduction to Technical Writing	3		

TOTAL CREDITS 15

SEMESTER 2		CREDITS	MILESTONE	✓
CSCI111	Programming with Java I	3	*	
CSCI240	Databases and SQL	3		
MART145	Web Design	3		
ITS224	Introduction to Linux	3		
CSCI176	Applied Machine Learning and Artificial Intelligence	3		

TOTAL CREDITS 15

SEMESTER 3		CREDITS	MILESTONE	✓
CSCI221	Systems Analysis and Design	3		
CSCI121	Programming with Java II	3	*	
CSCI211	Client Side Web Development	3		
CSCI276	Application Security	3		
CSCI245	Modern Database Systems	3		
Choose 1 of 2	CSCI292, CSCI298	2		

TOTAL CREDITS 17

SEMESTER 4		CREDITS	MILESTONE	✓
CSCI206	.NET Applications	4		
CSCI257	Web Services	3		
ITS279	Cloud Systems	3		
ITS221	Project Management	3		
CSCI299	Senior Capstone	2		
COMX115	Introduction to Interpersonal Communication	3		

TOTAL CREDITS 18

You are finished!



Pathway Advising Notes: none

Course Advising Notes: none