

Guide for Data Science Transfer Students from WCCC

Junior and Senior Year Curriculum for WCCC Computer Science A.A. Transfer Students at Saint Vincent College – Data Science Major

Sugg. Term	Course ID	Course Title	Cr.	Saint Vincent Equivalent
1st Fall	PDV 101	First Year Seminar	1	FYS
	ENG 161	College Writing	3	EL 102
	CPT 150	Microcomputer Concepts	3	ND-000 Elective
	HIS 156	Modern Western Civilization	3	HI-105
	CPT 160	Intro to Programming	3	CS-102
	MTH 158	Precalculus Mathematics	3	MA 104
1st Spring	ENG 164	Advanced Composition	3	EL-156
	MTH 172	Analytical Geometry and Calculus I	3	MA 111
	PHL 155	Introduction to Logic	3	PL-120
	CPT 145	Introduction to Computer Technology	3	CS 102
	ART 155 or MUS 155	Introduction to Art History OR Music Listening: A Survey	3	AR-001 or MU-101
2nd Fall	MTH 160	Introduction to Statistics	3	PY-203
	CHM 155 or PHY 155	General Chemistry I OR College Physics I	4	CH 101/103 or PH 109/113
	CPT 163	Java Programming I	3	CS-110
	SOC 155	Principles of Sociology	3	SO-101
	SPC 155	Effective Speech	3	CA-120
2nd Spring	MTH 277	Discrete Mathematics	3	CS-170
	CHM 156 or PHY 156	General Chemistry II OR College Physics II	4	CH 102/104 or PH 110/114
	PSY 160	General Psychology	3	PY-100
	CPT 213	Java Programming II	3	CS-111
	CPT 182	Operating Systems	3	CS-330

63 Credits Transferred from WCCC

Typical Schedule for Data Science Major at SVC (with AA in Computer Science from WCCC)			
Junior Fall	Junior Spring	Senior Fall	Senior Spring
DS-100	MA-312	Application 2	DS-400
CS Intro to Python	DS-350	DS-370	CS-355
CS-221	Application 1	CS-350	Application 3
DS-300	MA-112	Core	Core
MA-311	Core	Core	Core
Core		Core	Core
16 credits	16 credits	18 credits	18 credits
Core Curriculum credits needed: 24			

Application Electives choose 9 credits

BA-106	Data Visualization	3
BA-355	Advanced Business Analytics	3
ES-220	Intro to GIS	3
BL	Bioinformatics	3
INTS	Health Analytics	3
CS-255	Artificial Intelligence	3
MA-251	Linear Algebra	3
SO-248	Fundamentals of Epidemiology	3