

John Carroll University			
Statistics Minor for Psychology majors			
✓ completed items	Course Title (Faculty sabbaticals may affect these schedules)	Semester Offered	Credits
Required Courses			
	DATA 100 Introduction to Data Science	Fall / Spring	3
	DATA 260 Intermediate Statistics (formerly MT 223)	Fall/Spring	3
	DATA 422 Applied Statistics (formerly MT 422 Applied Statistics)	Spring	3
	DATA 424 Applied Regression Analysis (formerly MT 422 Applied Statistics)	Fall	3
Subtotal			12
Select TWO Elective Courses			
	PS 301/L	Fall / Spring	4
	PS 401	Spring	3
	PS 435	Fall/ Spring	3
Subtotal			6 or 7
Total			18 or 19
DATA Science Minor for Psychology majors			
Required Courses			
	CS 128/128L Introduction to Software Application Development with Lab		3
	DATA 100 Introduction to Data Science	Fall / Spring	3
	DATA 122 Elementary Statistics (formerly MT 122)	Fall/Spring	3
	DATA 150 Database Systems (formerly CS 150)		3
	DATA 200 Intermediate Data Science		3
	DATA 260 Intermediate Statistics (formerly MT 223)	Fall/Spring	3
Subtotal			18
Select ONE Elective Course			
	DATA 307 Bioinformatics (formerly CS 307)		3
	DATA 322 Big Data Analytics formerly CS 322)		3
	DATA 350 Advanced Database Systems (formerly CS 350)		3
	DATA 380 Data Visualization (formerly CS 380)		3
	DATA 421 Mathematical Statistics		3
	DATA 422 Applied Statistics (formerly MT 422)		3
	DATA 424 Applied Regression Analysis		3
Subtotal			3

Total	21
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