

Austin Peay State University

Graduate Certificate in Data Science Sample Two-Year Degree Plan

	Fall Semester	SCH
	STAT 5050: Probabilistic and Statistical Reasoning (as needed, for no credit)	0
	TOTAL SCH	0
✓	Spring Semester	SCH
	CSCI 5010: Database Management Concepts	3
	STAT 5120: Regression Analysis	3
	TOTAL SCH	6
✓	Fall Semester	SCH
	CSCI 5080: Data Mining Applications	3
	Choose one of the following:	
	STAT 5125: The Generalized Linear Model	3
	STAT 5130: Experimental Design	3
	TOTAL SCH	6
✓	Spring Semester	SCH
	Choose two of the following	
	CSCI 5095: Data Mining Project	3
	STAT 5140: Time Series Analysis	3
	STAT 5200: SAS Programming (also offered in summers)	3
	STAT 5290: Predictive Analytics	3
	TOTAL SCH	6
	Total Student Credit Hours for Degree	18