

Austin Peay State University

Masters of Science in Computer Science and Quantitative Methods Mathematical Finance Concentration Sample Two-Year Degree Plan

✓	First Year Fall Semester	SCH
	STAT 5050: Probabilistic & Statistical Reasoning*	3
	LDSP 5100: Leadership for the Scientist Manager	3
	MATH 5670: Numerical Analysis	3
	TOTAL SCH	9
✓	First Year Spring Semester	SCH
	STAT 5120: Regression Analysis**	3
	STAT 5260: Stochastic Processes	3
	MATH 5130: Financial Mathematics	3
	TOTAL SCH	9
✓	Second Year Fall Semester	SCH
	COMM 5110: Leadership and Communication	3
	MATH 5140: Financial Derivatives	3
	MATH 5220: Computational Methods in Finance	3
	TOTAL SCH	9
✓	Second Year Spring Semester	SCH
	STAT 5140: Time Series Analysis	3
	MATH 5900: Internship	3
	TOTAL SCH	6
	Total Student Credit Hours for Degree	33

* STAT 5050 is a prerequisite for STAT 5120.

** STAT 5120 is a prerequisite for STAT 5125 and STAT 5140.