

# Austin Peay State University

## Professional Science Masters in Computer Science and Quantitative Methods Data Management and Analysis Concentration \*Sample Two-Year Degree Plan

✓	<b>First Year Fall Semester</b>	<b>SCH</b>
	STAT 5050 – Probabilistic & Statistical Reasoning	3
	LDSP 5100 – Leadership for the Scientist-Manager	3
	<b>TOTAL SCH</b>	<b>6</b>
✓	<b>First Year Spring Semester</b>	<b>SCH</b>
	CSCI 5010 – Database Management Concepts *	3
	STAT 5200 – SAS Programming	3
	<b>TOTAL SCH</b>	<b>6</b>
✓	<b>First Year Summer Semester</b>	<b>SCH</b>
	CSCI 5005- Introduction to Web Programming*	3
	CSCI 5020 – Data Management Applications **	3
	<b>TOTAL SCH</b>	<b>3 - 6</b>
✓	<b>Second Year Fall Semester</b>	<b>SCH</b>
	CSCI 5060 – Database-Driven Web Development ***	3
	CSCI 5080 – Data Mining Applications ***	3
	<b>TOTAL SCH</b>	<b>6</b>
✓	<b>Second Year Spring Semester</b>	<b>SCH</b>
	CSCI 5095 – Data Mining Projects	3
	COMM 5110 – Leadership and Communication	3
	<b>TOTAL SCH</b>	<b>6</b>
✓	<b>Second Year Summer Semester</b>	<b>SCH</b>
	CSCI 5900 – Professional Science Internship	3
	<b>TOTAL SCH</b>	<b>3</b>
	<b>Total Student Credit Hours for Degree</b>	<b>30 - 33</b>

\*CSCI 5005 may be waived

\*\* CSCI 5010 is a prerequisite for CSCI 5020 and CSCI 5080.

\*\* CSCI 5020 is a prerequisite for CSCI 5060.

\*\*\* CSCI 5060 and CSCI 5080 are prerequisites for CSCI 5095.