

Austin Peay State University

BS in Mathematics Statistics Specialization *Sample Four-Year Degree Plan

✓ First Year Fall Semester			✓ First Year Spring Semester		
MATH 1910 ¹ : Calculus/Analytical Geometry	4		MATH 1920: Calculus/Analytical Geometry	4	
Science/Lab	4		Science/Lab	4	
APSU 1000: Transition to the University	1		ENGL 1020: English Composition	3	
ENGL 1010: English Composition I	3		CSCI 2000: Programming and Data Structures	4	
Social/Behavioral Science	3				
TOTAL SCH	15		TOTAL SCH	15	
✓ Second Year Fall Semester			✓ Second Year Spring Semester		
MATH 2110: Calculus	4		MATH 3450: Linear Algebra	3	
MATH 3010: Intro to Math Reasoning	3		STAT 3250: Statistical Methods	3	
COMM 1010: Fundamentals of Public Speaking	3		Humanities/Fine Arts	3	
ENGL 2030: Traditions in World Literature	3		Minor Requirement or Elective	3	
Minor Requirement ² or Elective	3		Minor Requirement or Elective	3	
TOTAL SCH	16		TOTAL SCH	15	
✓ Third Year Fall Semester			✓ Third Year Spring Semester		
STAT 4120: Regression Analysis	3		STAT 4130: Experimental Design (even year) MATH/STAT 4270: Nonparametric Statistics (odd year)	3	
MATH/STAT 4140: Probability	3		STAT 4250: Mathematical Statistics (even years) MATH/STAT 4260: Stochastic Processes (odd years)	3	
History	3		Minor Requirement or Elective	3	
Minor Requirement or Elective	3		Humanities / Fine Arts	3	
Minor Requirement or Elective	3		History	3	
TOTAL SCH	15		TOTAL SCH	15	
✓ Fourth Year Fall Semester			✓ Fourth Year Spring Semester		
MATH 4450: Mathematical Models	3		STAT 4130: Experimental Design (even year) MATH/STAT 4270: Nonparametric Statistics (odd year)	3	
Minor Requirement or Elective	3		STAT 4250: Mathematical Statistics (even years) MATH/STAT 4260: Stochastic Processes (odd years)	3	
Minor Requirement or Elective	3		MATH 4810: Senior Seminar	1	
Minor Requirement or Elective	3		Minor Requirement or Elective	3	
Social / Behavioral Science	3		Minor Requirement or Elective	3	
			Minor Requirement or Elective	3	
TOTAL SCH	15		TOTAL SCH	16	
			Total Student Credit Hours for Degree		
			122		

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***For this degree a student must complete at least 39 upper division (3000-4999) credit hours.**

¹A student who takes MATH 1730 fall of his/her freshman year can take MATH 1910 the following spring and MATH 1920 the following summer.

²Suggested minors include: Computer Science, Physics, Engineering Technology, Decision Sciences, Accounting, Economics, Finance.

For additional information please visit <http://www.apsu.edu/mathematics/programs-study> and <http://www.apsu.edu/mathematics/information-advisors>