

East Central University/Murray State College Articulation Agreement

Bachelor of Science: Mathematics

Applied/Pre-Actuary Concentration

Associate of Science—Mathematics

<input type="checkbox"/> ORI 1011 New Student Orientation	
<input type="checkbox"/> ENG 1113 English Comp I	
<input type="checkbox"/> HST 1483 U.S. History to 1877 OR HST 1493 U.S. History since 1877	
<input type="checkbox"/> MTH 1513 College Algebra*	
<input type="checkbox"/> CIS 1113 Computer Applications	
<input type="checkbox"/> Science Elective w/ Lab	17
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<input type="checkbox"/> ENG 1213 English Comp II	
<input type="checkbox"/> Science Elective w/ Lab	
<input type="checkbox"/> HWP 1112 Personal Health	
<input type="checkbox"/> MTH 1613 Plane Trigonometry*	
<input type="checkbox"/> Humanities Elective	15
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<input type="checkbox"/> PHY 2015 Engineering Physics I	
<input type="checkbox"/> MTH 2215 Calculus I w/ Analytic Geometry*	
<input type="checkbox"/> CS 1313 Logic and Problem Solving*	
<input type="checkbox"/> Humanities Elective	16
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<input type="checkbox"/> MTH 2315 Calculus II w/ Analytic Geometry*	
<input type="checkbox"/> PHY 2115 Engineering Physics II	
<input type="checkbox"/> GVT 1113 American Federal Government	
<input type="checkbox"/> ECO 2113 Principles of Macroeconomics*	16
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Total Credit Hours	64

* please see chart on second page
for course equivalencies



Bachelor of Science—Mathematics

<input type="checkbox"/> MIS 1903 Computer Business Application	
<input type="checkbox"/> ECON 2013 Principles of Microeconomics	
<input type="checkbox"/> MATH 3033 Calculus & Analytic Geometry III	
<input type="checkbox"/> COMM 1113 Fundamentals of Speech OR COMM 2253 Communications in the Workplace	
<input type="checkbox"/> MATH 2213 Introduction to Probability & Statistics	15
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<input type="checkbox"/> MATH 3713 Linear Algebra	
<input type="checkbox"/> MATH 3513 Mathematical Statistics OR MATH 3583 Applied Statistics	
<input type="checkbox"/> Choose One: CPSMA 3913, 3933, OR 4413	
<input type="checkbox"/> MATH 4113 Differential Equations	
<input type="checkbox"/> —3 Upper Level MATH, CMPSC, MIS, MGMT, MKTG, BUSLW or FIN Approved Course	
<input type="checkbox"/> FIN 3913 Principles of Insurance	15
<input type="checkbox"/> ACCT 2103 Financial Accounting	
<input type="checkbox"/> —3 Upper Level MATH, CMPSC, MIS, MGMT, MKTG, BUSLW or FIN Approved Course	
<input type="checkbox"/> FIN 3113 Financial Management	
<input type="checkbox"/> ENG 3183 Technical and Professional Writing	
<input type="checkbox"/> —3 Elective	15
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<input type="checkbox"/> MATH 3513 Mathematical Statistics OR MATH 3583 Applied Statistics (one not chosen in previous spring)	
<input type="checkbox"/> Choose One: CPSMA 3913, 3933, OR 4413	
<input type="checkbox"/> MATH 4923 Perspectives in Mathematics	
<input type="checkbox"/> —3 Upper Level MATH, CMPSC, MIS, MGMT, MKTG, BUSLW or FIN Approved Course	
<input type="checkbox"/> MIS 3433 Management Information Systems	15
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Total Credit Hours	60



Total Hours Completed: 124
Total Credit Hours Required for BS Degree: 124