

Sample Four-Year Course Sequence for a STEM Academy Student Pursuing the Madison College Associate of Science Degree

11th Grade Fall Semester				11th Grade Spring Semester				11th Grade Summer Semester				
Madison College Course	M.C. Credits	H.S. Credits	Subject	Madison College Course	M.C. Credits	H.S. Credits	Subject	Madison College Course	M.C. Credits	H.S. Credits	Subject	
College Algebra	3	1.00	Math	Trigonometry	3	1.00	Math	Micro Economics	3	1.00	Social Science	
Beginning Yoga	1	0.50	Physical Education	College Chem 1	5	1.67	Science					
College Success	3	1.00	Elective	English 1	3	1.00	English					
American National Government	3	1.00	Social Science	Environmental Science	4	1.33	Science - Ecology					
Intro to College Writing	3	1.00	English									
11th Grade Fall Totals:	13	4.50		11th Grade SpringTotals:	15	5.00		11th Grade Summer Totals:	3	1.00		
12th Grade Fall Semester				12th Grade Spring Semester				12th Grade Summer Semester				
Madison College Course	M.C. Credits	H.S. Credits	Subject	Madison College Course	M.C. Credits	H.S. Credits	Subject	Madison College Course	M.C. Credits	H.S. Credits	Subject	
Calculus & Analy Geom 1	5	1.67	Math	Calculus and Analy Geom 2	5	1.67	Math	None.				
Cell & Molecular Biology	5	1.67	Science	University Physics 1-Calc-Based	5	1.67	Science					
English 2	3	1.00	English	Ethnic Literature	3	1.00	English					
Spanish 1	4	1.33	World Language	Speech	3	1.00	English					
12th Grade Fall Totals:	17	5.67		12th Grade SpringTotals:	16	5.34						
									Program TOTALS:	64	21.51	