

Subject	Early College Program Pathway Science–Biological Science AS: 412F						
	Grade 9 MCPS/MC Credits	Grade 10 (on HS Campus)	Summer	Grade 11 (On MC Campus)	2 Winter Terms	Grade 12 (On MC Campus)	Summer between Grades 11 & 12 (on MC Campus)
English	Honors English 9, 1/0	Honors English 10, 1/0		Sem 1: ENGL101, 1/3 Sem 2: ENGL102/103, 1/3			
Math	Geometry, 1/0	Algebra II or high level, 1/0	MATH 165, 1/3	Sem 1: MATH 181, 1/4 (MATF)			
Science, or Natural Science	9 th Grade Science, Biology, 1/0	10 th Grade Science, Chemistry, 1/0		Sem 1: CHEM 131, 1/4 Sem 2: CHEM 132, 1/4 Sem 2: BIOL 150, 1/4 (NSLD)		Sem 1: BIOL 151, 1/4, (NSLD) Sem 2: BIOL 222, 1/4	
Social Studies, or Humanities/ Electives	Honors U.S. History with score	Honors or AP NSL with score *(BSSD-POLI 101), 1/3		Sem 2: HIST 117 (HUMD & GEIR), 1/3			Unmet requirements
Arts, Fine Arts						Sem 1; ARTD, 1/3	
Behavioral and Social Sciences					PSYC 102 (BSSD), 1/3	Sem 2: BSSD, 1/3	
Physical Education, Health	General P.E., 1/0;	Sem 1: Health .5					
Program Completer/Track Electives	For. Language, 1/0;	For. Language, 1/0;				Sem 1:*CHEM 203, 1/5 Sem 2:*CHEM 204, 1/5 Sem 2:*Program Elective, 1/4 Sem 1: COMM 108, 1/3	
Technology Education	MCPS Tech Course, 1/0						
Elective/MC classes			Early College Summer Transition Program				

*Program electives should be selected to meet requirements of 4 yr. transfer institution and recommended to be taken a sequence of courses from: CHEM 203/204, BIOL 210, 226, 230, CMSC 140, 203, 204, MATH 181,182, 280, 282, PHYS 161, 262,263, SCIR 297. For UMCP, student should take CHEM 203/204 and BIOL 210, 226 or 252 for their electives.