

Subject	Early College Program Pathway–Biological Science AS: 412F						
	Grade 9 MCPS/MC Credits	Grade 10 (on HS Campus)	Summer	Grade 11 (On MC Campus)	2 Winter Terms (Distance Learning or on MC Campus)	Grade 12 (On MC Campus)	Summer Term 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 prep for calculus program	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	Winter yr 2: BSSD, 1/3		
Arts, Fine Arts						Sem 1; ARTD, 1/3	
Behavioral and Social Sciences					Winter yr. 1: PSYC 102, 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	*Program Elective
Technology Education	MCPS Tech Course, 1/0						
Elective/MC classes			Early College Summer Transition Program				

† Program electives: (Program electives range from 2-5 credits. Students are encouraged to speak with their transfer institution when selecting program electives. It is recommended that in a 2 semester chemistry sequence, both courses be taken at the same institution, e.g. CHEM 203 and CHEM 204.) BIOL 202, BIOL 210, BIOL 212, BIOL 213, BIOL 217, BIOL 226, BIOL 228, BIOL 230, BIOL 252, BIOT 120, CHEM 203, CHEM 204, CMSC 140, CMSC 203, CMSC 204, MATH 171, MATH 182, MATH 280, MATH 282, PHYS 161, PHYS 203, PHYS 204, PHYS 233, PHYS 234, PHYS 262, PHYS 263, SCIR 297.

Updated April 1, 2021