

Subject	Montgomery College Early College Program Recommended Pathway Science–Mathematics Track AS: 412B						
	Grade 9 MCPS/MC Credits	Grade 10 (on HS Campus)	Summer	Grade 11 (On MC Campus)	Summer	Grade 12 (On MC Campus)	Winter Term 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, 1/3			
Math	Algebra 2, 1/0	Precalculus or high level, 1/0		Sem 1: MATH 181, 1/4 (MATF) Sem 2: MATH 182, 1/4		Sem 1: MATH 280, 1/4 Sem 2: MATH 282, 1/3 Sem 2: MATH 284, 1/4	
Science, or Natural Science	9 th Grade Science, Biology, 1/0	10 th Grade Science, Chemistry, 1/0		Sem 2: CHEM 131, 1/4, (NSLD)		Sem 1: CHEM 132, 1/4, (NSLD)	
Social Studies, or Humanities/ Electives	AP U.S. History with score (HUMD- HIST 200), 1/3	AP NSL with score (BSSD-POLI 101), 1/3		Sem 2: COMM 108, 1/3 (GEEL)	Unmet requirements	Sem 2: HIST 117 (HUMD & GEIR), 1/3	
Arts, Fine Arts				Sem 1: MUSC 117, 1/3 (ARTD)			
Behavioral and Social Sciences							PSYC 102, (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: CMSC 140, 1/3		Sem 1: 2 Mathematics electives, 2/7 Sem 2: Mathematics elective, 1/4	
Technology Education	MCPS Tech Course, 1/0						
Elective/MC classes			Early College Summer Transition Program				

AP US Score 3 for MC and 4 for UMCP = HIST 200, 4,5=HIST 202&202AP NSL Score 3 for MC and 4 for UMCP= POLI 101, AP Score 4 or 5=PSYC 102

*If AP score not earned for MC credit, student can fulfill these MC degree requirements in Winter Term of 11th grade or the summer between 11th and 12th grades.