

Kennesaw Mountain High School Academy of Mathematics, Science, & Technology

Discipline	Recommended Coursework Sophomore – Senior years*		
			
Engineering	<ul style="list-style-type: none"> • AP Chemistry • AP Physics 1 • ACC Pre-Calculus 	<ul style="list-style-type: none"> • AP Calculus AB and AP Calculus BC • AP Physics C • Chemical & Material Science Engineering (Post AP) 	<ul style="list-style-type: none"> • Multivariable Calculus and Differential Equations OR GA Tech Calculus • Advanced Research (Post AP) • Advanced Internship (Post AP)
Biochemistry	<ul style="list-style-type: none"> • Honors Biochemistry • AP Physics 1 • ACC Pre-Calculus • AP Statistics 	<ul style="list-style-type: none"> • AP Chemistry • AP Biology • AP Calculus AB and AP Calculus BC 	<ul style="list-style-type: none"> • Multivariable Calculus and Differential Equations OR GA Tech Calculus • GA Tech Organic Chemistry • Advanced Research (Post AP) • Advanced Internship (Post AP)
Medical	<ul style="list-style-type: none"> • Honors Biochemistry • AP Physics 1 • ACC Pre-Calculus • AP Statistics 	<ul style="list-style-type: none"> • Triple (Honors Anatomy/AP Biology/Advanced Genetics/DNA Research) • AP Calculus AB and AP Calculus BC 	<ul style="list-style-type: none"> • Multivariable Calculus and Differential Equations OR GA Tech Calculus • GA Tech Organic Chemistry • Advanced Research (Post AP) • Advanced Internship (Post AP)
Environmental	<ul style="list-style-type: none"> • Honors Biochemistry • AP Physics 1 • ACC Pre-Calculus • AP Statistics 	<ul style="list-style-type: none"> • AP Environmental Science • AP Biology • AP Calculus AB, AP Calculus BC 	<ul style="list-style-type: none"> • Multivariable Calculus and Differential Equations OR GA Tech Calculus • AP Chemistry • Advanced Research (Post AP) • Advanced Internship (Post AP)
Computer Science	<ul style="list-style-type: none"> • AP Computer Science Principles • AP Physics 1 • ACC Pre-Calculus • AP Statistics 	<ul style="list-style-type: none"> • AP Computer Science A • AP Calculus AB and AP Calculus BC 	<ul style="list-style-type: none"> • Multivariable Calculus and Differential Equations OR GA Tech Calculus • Advanced Research (Post AP) • Advanced Internship (Post AP)
Astrophysics/ Astronomy	<ul style="list-style-type: none"> • Honors Astronomy • AP Physics 1 • ACC Pre-Calculus • AP Statistics 	<ul style="list-style-type: none"> • AP Computer Science Principles • AP Calculus AB and AP Calculus BC • AP Physics C 	<ul style="list-style-type: none"> • Multivariable Calculus and Differential Equations OR GA Tech Calculus • Advanced Research (Post AP) • Advanced Internship (Post AP)
General/ Undecided	<ul style="list-style-type: none"> • AP or Honors Science • AP Physics • ACC Pre-Calculus • AP Statistics 	<ul style="list-style-type: none"> • AP or Honors Science • AP Calculus AB and AP Calculus BC 	<ul style="list-style-type: none"> • Multivariable Calculus and Differential Equations OR GA Tech Calculus • An AP Science • Advanced Research (Post AP) • Advanced Internship (Post AP)

*Recommended but not required; Magnet requirements details available in the four-year plan

