



Study
Area
Concentration

All Tracks



Seniors will complete a senior research project as part of the program, supervised by the STEM advisor and the STEM SAC Coordinator. AP Capstone projects can be substituted for this requirement.

...find your passion

*Biology, Chemistry
Physics
Pre-Calculus
A general technology credit
Mentor interview/presentation
Annual Service Project*

Sustainability
Advisors: Amy Napoles and Alissa Svedberg

*Statistics or AP Statistics
AP Environmental Science
+2 credit hours in the
electives of your choice of
the following:*

Marine Bio 1, Marine Bio 2,
Environmental Science 1,
Environmental Science 2
Environmental Science
Honors
Your choice of the UF
suggested courses to
replace MVA offerings

Physical Science
Advisors: Dr. Rachel Ramirez and Stephen Whitfield

Chemistry Honors
AP Physics
Physics 1
Forensic Science 1 & 2
AP 2/C or AP Chemistry
(depending on the students'
interest between physics or
chemistry)
Your choice of the suggested
UF courses to replace MVA
offerings.

Biomedical
Advisor: Sarah Schlusel

AP Stats
AP Biology
Anatomy & Physiology
Biochemistry
Kinesiology
Your choice of the
suggested UF courses to
replace MVA offerings.

Engineering
Advisor: Scott Werner

4 years of science
4 years of Mathematics to
Calculus
Principles of Engineering
Your choice of the suggested
UF courses to replace MVA
offerings.

Computer Science
Advisor: Matthew Parets

AP CS Computer Science
Principles/Introduction to
Programming &
Introduction to
Programming I
AP Computer Science A
Advanced Graphics/
Game Design
Mobile Applications/
Cybersecurity
Your choice of the
suggested UF courses to
replace MVA offerings.



course exchanges



Sustainability
Advisors: Amy Napoles and Alissa Svedberg

Introduction to Earth Science
Extreme Weather
Earthquakes, Volcanoes and Other Hazards
Wildlife Issues
Biodiversity conservation - Global Perspectives

Physical Science
Advisors: Dr. Rachel Ramirez and Stephen Whitfield

Astronomy

Biomedical
Advisor: Sarah Schlussel

Man's Food
Microbes Without Borders

Engineering
Advisor: Scott Werner

College Algebra
Trigonometry
Precalculus Algebra
Precalculus
Algebra and Trigonometry
Survey of Calculus I
Analytic Geometry and Calculus 1
Analytic Geometry and Calculus 2
Analytic Geometry and Calculus 3
Differential equations
Computational Linear Algebra
Introduction to Principles of Physics

Computer Science
Advisor: Matthew Parets

Programming fundamentals 1
Programming fundamentals 2
Data Structures and Algorithms
Applications and Discrete Structures
Analytic Geometry and Calculus 1
Analytic Geometry and Calculus 2
Analytic Geometry and Calculus 3
Differential Equations
Computational Linear Algebra