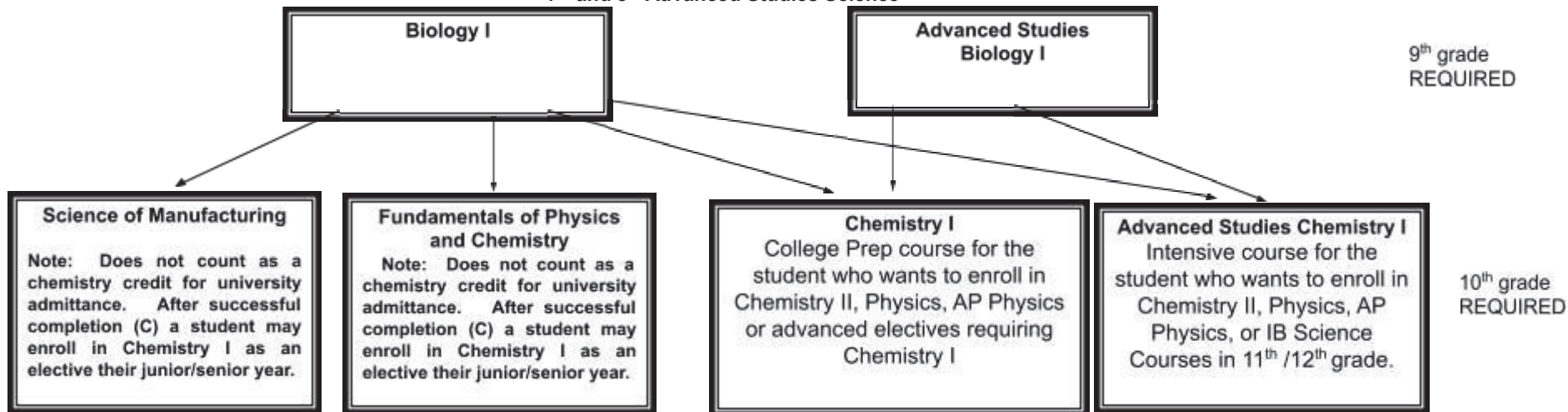


Scope and Sequence

Science Department

Middle School
6th and 7th and 8th Science
7th and 8th Advanced Studies Science



ELECTIVES

Teacher Approval for all electives during junior and senior year of High School

Students may not move to the next level without passing the respective 9th and 10th grade required courses.

PHYSICS ELECTIVES	ADVANCED BIOLOGY ELECTIVES	PLTW BIOMED COURSES
Physics*	Biology II*	Principles of the Biomedical Science (9-10) – PBS*
AP Physics I*	IB Biology 11*	Human Body Systems*
AP Physics II*	IB Biology 12*	Medical Interventions/Biomedical Innovation*(STA)
GENERAL SCIENCE ELECTIVES	IB Environmental Systems and Societies*	PLTW ENGINEERING COURSES
Human Anatomy & Physiology*	ADVANCED CHEMISTRY ELECTIVES	Principles of Engineering (10-12)*
Science of Nature	Chemistry II*	Digital Electronics/CIM/Aerospace* (STA)
Science of Manufacturing	IB Chemistry 11*	Engineering Design & Development*(STA)
Astronomy (semester)	IB Chemistry 12*	STA HEALTH SCIENCE CLASSES
Meteorology (semester)		Professional Nursing* (STA)
		Allied Health @ STA*
		Foundations of Nursing @ Herndon

*indicates weighted course