

# BioMedical Allied Health Pathways



Pathway	Grade	Pathway	Course
BioEngineering (PLTW)	10	I	Introduction to Engineering Design (1.0 credit)
	11	II	Digital Electronics (1.0 credit) <b>AND</b> Biotech Engineering (1.0 credit)
	12	III	EDD (1.0 credit)
BioScience* PLTW Students take Principles of Biomedical Science as their 10 <sup>th</sup> Grade Elective Course	10	I	BMAH Human Body Systems (1.0 credit)
	11	II	BMAH Principles of Biomedical Science (1.0 credit) <b>AND</b> BMAH Medical Interventions (1.0 credit)
	12	III	BMAH Biomedical Innovation with internship (1.0 credit)
Health Information Technologies With an emphasis in: BioInformation/Research OR Software/Database. 10 <sup>th</sup> Grade year includes a survey of both.	10	I	BMAH Health Information Systems (0.5 credit) <b>AND</b> BMAH Database Management (0.5 credit)
	11	II	AP Statistics (1.0 credit) (Bioinformatics/Research) <b>OR</b> Computer Science I (Software Database) (1.0 credit)
	12	III	BMAH Capstone (1.0 credit) <b>OR</b> Modeling and Parallel Computing (1.0 credit) <b>OR</b> AP Computer Science (1.0 credit)
Public and International Health	10	I	AP Psychology (1.0 credit) <b>OR</b> AP Human Geography (1.0 credit)
	11	II	BMAH Public and International Health I (Nutrition and Social Behavior) (0.5 credit) <b>AND</b> BMAH Public and International Health II (Global Epidemics and Health Systems) (0.5 credit)
	12	III	BMAH Capstone (0.5 credit) <b>AND</b> Public and International Health III (0.5 credit) <b>OR</b> BMAH Capstone (1.0 credit)
Aging and Wellness	10	I	AP Psychology (1.0 credit) <b>OR</b> AP Human Geography (1.0 credit)
	11	II	BMAH Public and International Health I (Nutrition and Social Behavior) (0.5 credit) <b>AND</b> BMAH Aging and Wellness I (0.5 credit)
	12	III	BMAH Aging and Wellness II (0.5 credit) <b>AND</b> Capstone (0.5 credit) <b>OR</b> BMAH Capstone (1.0 credit)

The STEM/BMAH programs are cutting edge programs and as research and technologies evolve, courses, course sequence and course content will be aligned to take advantage of these trends. In addition, all Magnet programs are subject to annual budget approval.

This is a four year program of study. Students are expected to commit to the entire 4 years. Exiting the program is allowable only in extenuating circumstances. If students exit the program, they must return to their home school.