



MEDICAL MAGNET PROGRAM

Fairmont Preparatory Academy's Medical Magnet Program provides students with a solid science and mathematics curriculum that establishes a foundation for future college science courses. Students have the opportunity to participate in summer programs such as health and science research internships, leadership camps and health volunteer programs in local hospitals and medical clinics.

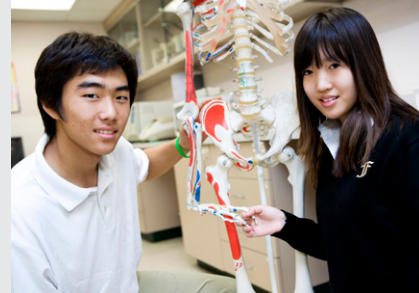
Students in the program take advantage of Honors, Advanced Placement (AP), and International Baccalaureate (IB) classes and participate as leaders in various extracurricular activities. A devoted faculty with special training in biological research, mentors tomorrow's young scientists as they progress through the program.

MEDICAL MAGNET HISTORY

Started in 2003, the first graduating class was in 2007. There are between 70-80 students in the program at any given year across grades 9-12.

The goals of the program are to :

- Provide students a curriculum with rigor and breadth while emphasizing studies in Science and Math to better prepare students for their course work in college and beyond.
- Cultivate and sustain student interest in the sciences.
- Offer extracurricular, leadership and service project opportunities to students
- Offer individualized guidance and counseling in the program as well as aid in the college application process.



- Fairmont graduates have a history of entrance into competitive pre-medical majors in major universities around the country, including combined pre-med/medical programs.
- Prominent physicians and other healthcare experts take part in the Medical Magnet's lecture series.
- Students participate in Advanced Science classes which allow them to design and execute their own scientific experiments.
- A designated magnet counselor works one-on-one with each Medical Magnet student and his or her family to ensure appropriate placement in courses and overall success in the rigorous program.

PROGRAM REQUIREMENTS

Medical Magnet students are required to take a prescribed course of study and to maintain a cumulative GPA of 3.0 or above in all coursework at the Prep in order to remain in the program. Medical Magnet students may pursue either an AP course of study or a IB Diploma course of study. While the IB track does not prevent students from taking AP courses the main goal of this track is to prepare students for the IB Diploma. Because of the intensive hands on nature of the program and dedicated Magnet counselor, the program has a \$2000 program fee that is added to student tuition.

IB COURSE OF STUDY

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
English I CP or H	English 2 Honors	IB English HL 1	IB English HL 2
H Geometry or Higher	Honors Algebra 2 or higher	AP Calculus AB or IB Math Studies SL	IB Biology HL2
Honors Chemistry	AP Chemistry	IB Biology HL 1	IB Americas HL 2
CP or AP World History	AP Psychology	IB Americas HL 1	Foreign Language IB
Foreign Language II	Foreign Language III	Foreign Language IB	IB Physics
PE	Bioethics/Research Theory & Experimental Design	Honors Anatomy & Phisiology	Theory of Knowledge
Fine Art	Optional Fine Art	Elective	

AP COURSE OF STUDY

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
English I Honors	English 2 Honors	H English III or AP English	Senior English Seminar or AP English Literature
H Geometry or Higher	Honors Algebra 2 or higher	AP Calculus AB or Higher	AP Statistics or AP Calculus BC or Higher
Honors Chemistry	AP Chemistry	AP Biology	Org. Chemistry (reccomended) or AP Environmental Science
CP or AP World History	AP Psychology	CP or AP US History	Social Science of choice
Foreign Language	Foreign Language	Foreign Language	Foreign Language
PE	Bioethics/Research Theory & Experimental Design	Honors Anatomy & Phisiology	Honors or AP Physics Course
Fine Art	Optional Fine Art	Elective (requires approval of chair)	Elective (requires approval of chair)

Students who participate in the Medical Magnet program are expected to not only possess strength in academics but to participate in extracurricular activities demonstrating leadership in sports, community service activities and other areas of student life. Students are strongly encouraged to seek out internship opportunities and become involved in scientific endeavors in external research opportunities. Throughout the program, students are expected to exhibit exemplary citizenship, effort and grades maintaining a minimum cumulative GPA of 3.0 in all coursework. If a student has any performance, effort, or behavioral issues the student's continued participation in the program will be reviewed by the program leadership. Such a student may be placed on probation or be removed from the program. Students are expected to follow all policies outlined in the FPA student handbook and always represent themselves, this program, and their school in an exemplary way.

For More Information Please Contact:

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