

WELCOME TO YOUR NEIGHBORHOOD LAUNCHPAD.

AP + PLTW

WANT TO WORK FOR NASA? BECOME A ROCKET SCIENTIST? [WELCOME TO ENGINEERING AT MADISON.](#)

	PLTW Engineering Course	AP Course AP Calculus BC pathway	AP Course Advanced Math Pathway
Freshman Year	Intro to Engineering	Algebra 3/4	Geometry
Sophomore Year	Digital Electronics	AP Human Geography or AP Psychology + Pre-Calculus	AP Human Geography or AP Psychology + Algebra 3/4
Junior Year	Principles of Engineering	AP Calculus AB + AP Environmental Science, AP Chemistry, or AP Physics	Pre-Calculus + AP Environmental Science, AP Physics, or AP Chemistry
Senior Year	Senior Design	AP Calculus BC + AP Environmental Science, AP Chemistry, or AP Physics	AP Stats or AP Calculus AB + AP Environmental Science, or AP Chemistry,

Other Recommended Courses: Robotics and/or FTC Robotics



ENGINEERING

"I programmed robots, built circuits, and took stuff apart- it was amazing. I have my eyes set on engineering at Stanford"

-AJ THAI, '17 Engineering student

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WANT TO WORK FOR OHSU? WE'RE PAGING YOU DOC. [WELCOME TO BIOMEDICAL SCIENCES AT MADISON.](#)

	PLTW Biomedical Course	AP Course AP Calculus BC Pathway	AP Course Advanced Math Pathway
Freshman Year	Principles of Biomedical Sciences	Algebra 3/4	Geometry
Sophomore Year	*Human Body Systems	AP Human Geography or AP Psychology + Pre-Calculus	AP Human Geography or AP Psychology + Algebra 3/4
Junior Year	*Medical Interventions	AP Biology + AP Calculus AB	AP Biology + Pre-Calculus
Senior Year	*Biomedical Innovations	AP Chemistry + AP Calculus BC	AP Chemistry + AP Calculus or AP Stats

Other Recommended Courses: Latin and/or AP Physics



**BIOMEDICAL
SCIENCES**

"I was accepted to Brown University for an intense summer program. There was so many smart people and I felt so prepared! Now I'm applying to Brown and feel prepared to become a doctor at an ivy league school."

-Cynthia Bui, '18 Biomedical Sciences student

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EVERY SENATOR FINDS THEIR PATH. WE BECOME PSYCHOLOGISTS, SCIENTISTS, ARTISTS OR LAWYERS. PICK YOUR PATH.

AP Math & Science Pathway (Minimum of 5 of the courses below)	AP Humanities & Social Studies Pathway (Minimum of 5 of the courses below)	Law & Justice Pathway (Minimum of 5 of the courses below) *Required courses
AP Human Geography	AP Human Geography	PLTW: Principles of Biomedical Sciences
AP Biology	AP Literature and Composition	*Forensic Science
AP Calculus AB/BC	AP Language and Composition	*Criminal Justice
AP Statistics	AP Government	*AP Government
AP Chemistry	AP Psychology	AP US History
AP Environmental Science	AP Spanish	AP Psychology
AP Psychology	AP Music	AP Language and Composition
AP Physics	AP US History	AP Statistics/PSU Statistics
		AP Environmental Science
		Latin
		Ethnic Studies/Gender Studies



"I learned a lot about the justice system, civil rights laws, and so many historical events. I feel more educated on how society functions and how events shape who we are. I'm applying to Lewis & Clark College for pre-law in order to make the world a better place."

-Jimmy Tran, '18 Law & Justice student