

## ADVANCED PLTW BIOMEDICAL SCIENCE AND MEDICINE (3 yr)

**High School Students Only  
2022-23**

**CLASS TIMES:**

AM Students: 8:00 am to 10:50 am

PM Students: 11:50 pm to 2:50 pm

1560 Hours

**INSTRUCTORS:**

Emily Ozment, William Schlecht

Scott Nelson

Students in this major will study biomedical science through the exciting Project-Lead-the-Way curriculum that will provide students hand on projects and experiences. Topics will include bio-informatics, human medicine, and an in depth study of the human body. Students will also study advanced math courses that include Pre-AP Algebra II, Pre-AP Trigonometry/Pre-Calculus and an AP math course as well as advanced science courses that include Anatomy and Physiology, Microbiology, Pre-AP Chemistry and AP Chemistry. Students who complete this major will have been exposed to a diverse curriculum that will better equip them to choose a major at the college/university level. Students will also have the strong math and science foundation needed to be prepared to enter a college/university program in a science related field.

This is a three year academy with students starting their sophomore year in high school. It is an academically intense, project-based program which focuses on the biomedical field. Students will be able to test for college credit through AP courses and successfully transition to post-secondary.

<b>Tuition &amp; Textbooks.....</b>	<b>\$</b>	<b>-</b>
There is no tuition or textbook cost for High School Students		
<b>Student Estimated Expenses: .....</b>	<b>\$</b>	<b>120.00</b>
These expenses may not be due at once and may incur during the school year.		
<b>Uniform (Required for educational visits).....</b>	<b>\$</b>	<b>35.00</b>
*SCRUBS - Dark Brown color - top and pant (any style) 1 set		
Lab Coat White - <i>Optional</i>		
*SCRUBS may be purchased from any vendor. Kingdom Medical gives GPTC students discounts on scrubs.		
White Shoes .....	\$	40.00
Must be white <u>all</u> leather and must cover entire foot		
<b>Student Supplies.....</b>	<b>\$</b>	<b>20.00</b>
3 Binders 2" - 3 ring		
Paper - wide rule loose leaf notebook		
3 pkgs - Divders		
Pencils & eraser		
USB - Flash Drive 1 gig .....	\$	15.00
Student Organization Fee HOSA.....	\$	10.00
<b>TOTAL ESTIMATED EXPENSE .....</b>	<b>\$</b>	<b>120.00</b>