



Innovations in Medicine & Biotechnology Program

Through this unique partnership with Columbus State Community College (CSCC), the PAST Foundation, and industry professionals, students from Upper Arlington have the opportunity to develop their knowledge, abilities, and skills for high-demand jobs in the medical profession. The Innovations in Medicine & Biotechnology Program exposes students to subjects like biology, chemistry and anatomy to build foundational knowledge and skills for future professions in the medical field, foster confidence and engagement, and provide hands-on experiences for students.

This program blurs the lines between high school, college, and career to prepare students for careers in the medical profession. Students will simultaneously earn high school and 17 college credits through Columbus State Community College. Upon completion of all courses, students will earn the Clinical Laboratory Assisting Certificate. This certificate shows that students have the essential skills and training in clinical laboratory techniques and procedures, preparing them for entry-level positions in various medical settings.

The Innovations in Medicine & Biotechnology Program experience fits into the equivalent of a two-period block, leaving plenty of time to take other courses and explore your interests. The MicoSchool is structured over two-years including the following courses:

Cohort Year 1 – 9 Credits		Cohort Year 2 – 8 Credits	
Semester One	Semester Two	Semester One	Semester Two
ENGL 1100 - Composition I (3)	MLT 1100 - Basic Concepts in Healthcare (2)	PSY 1100 - Intro to Psychology (3)	MLT 1112 - Laboratory Theory for Health (2)
COLS1101 - First Year Seminar (1)	BIO 1101 - Fund. of Anatomy & Physiology (3)	HIMT 1274 - Into to Medical Reimbursement & Coding (2)	MTL 1113 - Laboratory Technique for Health (1)
Medical Career Development Seminar			Capstone (HS Credit)

In addition to the Medical Laboratory certificate, students in the Innovations in Medicine and Biotechnology Program will have the opportunity to earn industry-recognized credentials, including the Leadership Excellence credential, which is valued across multiple career fields.

Transportation from Upper Arlington High School to the PAST Foundation will be provided for students. (Courses for the final semester will take place on CSCC's downtown campus.)

Additional Questions About the Innovations in Medicine & Biotechnology Program

If you are interested in learning more, please see your school counselor or email Mr. Matthew Jordan, UA Hub Principal, at mrjordan@uaschools.org.



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The Innovations in Medicine and Biotechnology Program offers students a unique opportunity to accelerate their academic journey and earn college credits in the medical field while completing their high school education. This four-year course planning guide helps families map out a potential learning path over four years.

Grade 9		Grade 10		Grade 11		Grade 12	
ELA Foundations I Course (On-Level or Honors)		ELA Foundations II Course (On-Level or Honors)		Medicine & Biotechnology - Y1		Medicine & Biotechnology - Y2	
Algebra I		Geometry (On-Level or Honors)		ENGL 1100	MLT 1100	PSY 1100	MLT 1112
				COLS 1101	BIO 1101	HIMT 1274	MLT 1113
						UA Capstone	
Physical Science (On-Level or Honors)		Biology (On-Level or Honors)		Algebra II (On-Level or Honors)		Fourth English Credit (CCP, IB, AP or On-Level)	
American History		Politics, Econ and Government or AP US Government		Personal Finance	Visual/Perform Arts Credit	Fourth Math Credit (CCP, IB, AP or On-Level)	
Health	Physical Education	Physical Education	Visual/Perform Arts Credit	Additional Credit	Additional Credit	Global History Credit (CCP, IB, AP or On-Level)	
Global Language	Global Language	Global Language	Global Language	Additional Credit	Additional Credit	Additional Credit	Additional Credit
Study Hall/ Forum	Study Hall/ Forum	Study Hall/ Forum	Study Hall/ Forum	Study Hall/ Forum	Study Hall/ Forum	Study Hall/ Forum	Study Hall/ Forum

Please note that this course sequence is merely a suggestion for planning purposes and should be customized based on each student's individual goals, strengths, and circumstances. Students should meet with their school counselor to personalize each student's educational journey.