

Biomedical Science Academy Course Progression

9 th Grade	10 th Grade	11 th Grade	12 th Grade
<p>Required Biomedical Academy Courses:</p> <ol style="list-style-type: none"> 1. Biology 1 Honors* 2. Principles of Biomedical Science <p>Recommended:</p> <ol style="list-style-type: none"> 3. English II Honors* 4. Geometry Honors* 5. AP Human Geography 6. Foreign Language (year 1)* 7. Digital Information Technology (DIT satisfies Fine Art credit) <p>*Or Higher-Level course</p>	<p>Required Biomedical Academy Courses:</p> <ol style="list-style-type: none"> 1. Chemistry 1 Honors* OR AP Biology 2. Human Body Systems <p>Recommended:</p> <ol style="list-style-type: none"> 3. Honors English* 4. Honors Math* 5. Honors Social Studies* 6. Foreign Language (year 2)* 7. Honors level course/elective <p>*Or Higher-Level course</p>	<p>Required Biomedical Academy Courses:</p> <ol style="list-style-type: none"> 1. Chemistry 1 Honors* OR AP Biology (whichever was not taken previously) 2. Medical Interventions <p>BACE Certification Test Opportunity</p> <p>Recommended:</p> <ol style="list-style-type: none"> 3. Honors English* 4. Honors Math* 5. Honors Social Studies* 6. Biomedical Science Elective** 7. Upper-Level Science Course*** <p>*AICE General Paper *Or Higher-Level course</p>	<p>Required Biomedical Academy Courses:</p> <ol style="list-style-type: none"> 1. Upper-Level Science Course*** 2. Biomedical Innovation <p>BACE Certification Test Opportunity</p> <p>Recommended:</p> <ol style="list-style-type: none"> 3. Honors English* 4. Honors Math* 5. Honors US Gov & Economics* 6. Biomedical Science Elective** 7. Upper-Level Science/Elective*** <p>*Or Higher-Level course</p>

Graduation Requirements:

- English – 4 credits
- Math – 4 credits
- Science – 3 credits (1 of which is bio)
- Social Studies – 3 credits (World History-1, U.S. History-1, Economics-.5, US Gov-.5)
- Fine Arts – 1 credit
- PE – 1 credit (HOPE)

Merit Diploma Designation:

- Meet the Standard Graduation Requirements
- Earn 1 industry certification (BACE satisfies certification)

**Biomedical Science Electives (recommended):

- Honors Anatomy and Physiology

***Upper-Level Science Courses:

- AP Chemistry
- AP Environmental Science
- AP Physics

State Assessments

- B.E.S.T. passing ELA Assessment
- B.E.S.T. Algebra 1 EOC Assessment