

<b>Cluster:</b>	<b>Health, Environmental and Life Sciences</b>	<b>Pathway:</b>	<b>Environmental and Life Science</b>	
<b>High School Program</b> <i>Check your school's course offerings</i>				
<b>Graduation Requirements</b>	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
<b>English - 4</b>	English 9	English 10	AP English Language or English 11	AP English Literature or English 12
<b>Social Studies - 3</b>	US Government	AP European History or World Civilizations	AP US History or US History	AP US Government or AP Economics or other Social Studies elective
<b>Mathematics – 3/4 (Choose a sequence)</b>	Geometry or Algebra 1	Algebra 2 or Geometry	Pre-Calculus or Algebra 2	AP Calculus or Pre-Calculus or Math elective
<b>Science - 3</b>	Biology or Matter & Energy	Chemistry or Biology	Human Physiology and Nutritional Science OR Zoology	AP Biology or AP Chemistry or AP Environmental or other Science elective
<b>Physical Education - .5/1 Health Education - .5</b>	.5 PE	.5 Health	.5 PE	PE elective
<b>Fine Arts - 1</b>	.5 Fine Art	.5 Fine Art	Art elective	Art elective
<b>Technology Education - 1</b>	Keyboarding and Intro. to Technology	Advanced Keyboarding and Intro. to Computers	Office Systems Management Sports Medicine	Advanced Technology Systems
<b>Foreign Language - 2 and/or Adv.Tech - 2</b>	Language Spanish II Latin	Language Spanish III Latin II	Language Spanish IV Latin III	Language AP Spanish Latin IV
<b>Suggested Electives</b>		Oceanography and Marine Biology OR Botany and Geology or Astronomy	SAT Prep.  Environmental Science	Professional Career Internship
<b>CTE Completer Requirements - 4</b>	NA	NA	NA	NA
Examples of careers students are preparing to enter: Forest Ranger, Zoologist, Veterinary Technician, Veterinarian, Hazmat Specialist, Animal Trainer. <a href="http://www.aacps.org/aacps/boe/commu/slc/health.htm">http://www.aacps.org/aacps/boe/commu/slc/health.htm</a>				
<b>Sample Two Year College Program Sequence</b>				
For options at Anne Arundel Community College, see <a href="http://www.aacc.edu/catalog/">http://www.aacc.edu/catalog/</a>				
<b>Semester 1</b>			<b>Semester 2</b>	
English Humanities Science Mathematics Class to satisfy Diversity requirement			English Science Humanities Fitness/Wellness Social/Behavioral Science	
<b>Semester 3</b>			<b>Semester 4</b>	
Computer Technology or Mathematics Social/Behavioral Science Electives related to major			Electives related to major	