

## Buchanan High School: Environmental Resources - Program of Study

This Program of Study should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

<b>Industry Sector:</b>	<b>Energy, Environment and Utilities</b>
<b>Career Pathway:</b>	<b>Environmental Resources</b>

**Note: All courses are subject to change. Always see a counselor for advising.**

LEVELS	GRADE	Career Technical Education Courses	English/ Language Arts	Math	Science	Social Studies	Other Required Courses or Recommended Electives	SAMPLE Occupations Relating to this Pathway	
SECONDARY	7							<b>Occupations Requiring Less Than a Baccalaureate Degree</b>  ► Environmental Science and Protection Technicians          <b>Occupations Requiring Baccalaureate Degree</b>	
	8								
	9		English 9 Honors	Math 1 Math 2 Honors	Health Biological Links To Energy and Environment	World Geography	Physical Education World Language		
	10		English 10 Honors	Math 2 Honors Math 3 Honors	Chemistry/Environmental Engineering	AP World History	Physical Education World Language Fine Arts		
	11		Environmental Sustainability (PLTW)	English 11 Honors	Math 3 Honors Statistics Adv. Math/AMA	Physics	AP US History		Physical Education AP Computer Principles
	12		Energy Technology 1	English 12 Honors	Math 3 Honors Statistics Adv. Math/AMA	Anat/Phys Physics AP Bio, Chem, Physic	Government/Economics		Physical Education

								<ul style="list-style-type: none"> <li>▶ Pollution Abatement</li> <li>▶ Water Resources</li> <li>▶ Ecosystem protection</li> <li>▶ Environmental Management</li> </ul>	
<b>POST-SECONDARY</b>	13	CSUF: EES 1	English 125, 126 English 1A CSUFL English 10	CSUF:; Math 75, Math 76 or 101	CCC: Chemistry 1A, Physics 4A, Physics 4B CUSF Biology 1A, Chemistry 1A and B Physics 4A	CSUF: PLSI 71	CC: Coun 47, OT17, WTD 101. WTD 102, WTD 106 and 107	<b>Industry recognized certifications; licenses or credentials related to this pathway.</b> <ul style="list-style-type: none"> <li>▶</li> <li>▶</li> <li>▶</li> </ul>	
	14	CSUF: EES 12 and 30		CCC: WTD 114 CSUF: Math 77 and Math 81	CCC: Physics 4B CSUF: Physics 2A or 4 A Biology 1A and 1B		CCC: WTD 112, WTD 115		
	Year 15								
	Year 16								