

# Environmental Management Technology (A20230)

Student: \_\_\_\_\_

Phone: \_\_\_\_\_

Student ID: \_\_\_\_\_

Email: \_\_\_\_\_

## Associate in Environmental Management Technology

### Course Requirements & Suggested Sequence

		Prerequisite Courses	Credit Hours
<b>First Semester (Fall)</b>			
ACA 111	College Student Success	None	1
<b>BIO 140</b>	<b>Environmental Biology</b>	<b>None</b>	<b>3</b>
<b>BIO 140A</b>	<b>Environmental Biology Lab</b>	<b>None</b>	<b>1</b>
<b>CIS 110</b>	<b>Intro. To Computers</b>	<b>None</b>	<b>3</b>
<u>Math Course (Choose 1)</u>			
MAT 110	Math Measurement & Literacy	DMA 010,020,030,040, and 050	3
<b>MAT 143</b>	<b>Quantitative Literacy</b>	<b>DMA 010,020,030,040, 050 &amp; DRE-098 or Placement score</b>	<b>3</b>
<b>MAT 152</b>	<b>Statistical Methods</b>	<b>DMA 010,020,030,040, and 050</b>	<b>4</b>
<b>MAT 171</b>	<b>Precalculus Algebra</b>	<b>DMA 010,020,030,040, 050, 060, 070, 080 &amp; DRE-098 or Placement score</b>	<b>4</b>
<u>Biology Course (Choose 1)</u>			
<b>BIO 110</b>	<b>Principles of Biology</b>	<b>DMA 010,020 and 030</b>	<b>4</b>
<b>BIO 111</b>	<b>General Biology I</b>	<b>DMA 010,020,030,040, and 050</b>	<b>4</b>
Total Semester Hours:			15-16
<b>Second Semester (Spring)</b>			
<b>CHM 131</b>	<b>Intro to Chemistry</b>	<b>DMA 010,020,030,040, and 050</b>	<b>3</b>
<b>CHM131A</b>	<b>Intro to Chemical L</b>	<b>DMA 010,020,030,040, and 050</b>	<b>1</b>
ENV 255	Envir/Public Health Pathogens	None	4
ENV 214	Water Quality	None	4
<b>ENG 111</b>	<b>Writing &amp; Inquiry</b>	<b>DRE-098</b>	<b>3</b>
ENV 218	Environmental Health	None	3
Total Semester Hours:			17
<b>Third Semester (Fall 2)</b>			
<b>ENG 112</b>	<b>Writing in the Discipline</b>	<b>ENG 111</b>	<b>3</b>
<b>Social/Behavioral Elective</b>		<b>None</b>	<b>3</b>
ENV 232	Site Assess & Remediation	BIO 140 & 140A	3
ENV 250	Rural Watershed Protection	None	4
<u>Safety Course (Choose 1)</u>			
ISC 121	Environmental Health & Safety	None	3
ISC 112	Industrial Safety	None	2
Total Semester Hours:			15-16

\*Bolded Courses are

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	Prerequisite Courses	Credit Hours
<b>Fourth Semester (Spring 2)</b>		
<b>Humanities/Fine Arts Elective</b>	<b>*Some require ENG 111</b>	<b>3</b>
ENV 224 Land Resource Management	BIO140 & 140A	4
Environmental Sci. Elective	*Depends on ENV Elective Course	3-4
Environmental Sci. Elective	*Depends on ENV Elective Course	3-4
*Environmental Sci. Elective (Depends on current # of Env. Hrs at this point if required)		3-4

Total Semester Hours: 16-19

**Total Semester Hours Credit (SHC) in Program: 64-70**

## Program Certificates

	Prerequisite Courses	Credit Hours
<b>Env. Health &amp; Safety Certificate (C20140B)</b>		
<b>BIO 140</b>	<b>Environmental Biology</b>	<b>None</b>
<b>BIO 140A</b>	<b>Environmental Biology Lab</b>	<b>None</b>
ENV 218	Environmental Health	None
ENV 226	Environmental Law	None
<u>Safety Course (Choose 1)</u>		
ISC 121	Environmental Health & Safety	None
ISC 112	Industrial Safety	None

**Total Semester Hours Credit (SHC) in Certificate: 12-13**

	Prerequisite Courses	Credit Hours
<b>Water Resource Management Certificate(C20230B)</b>		
<b>BIO 140</b>	<b>Environmental Biology</b>	<b>None</b>
<b>BIO 140A</b>	<b>Environmental Biology Lab</b>	<b>None</b>
ENV 214	Water Quality	None
ENV 218	Environmental Health	None
ENV 228	Environmental Issues	None

**Total Semester Hours Credit (SHC) in Certificate: 12**

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Natural Resource Conservation Cert. (C20230B)		Prerequisite Courses	Credit Hours
<b>BIO 140</b>	<b>Environmental Biology</b>	None	<b>3</b>
<b>BIO 140A</b>	<b>Environmental Biology Lab</b>	None	<b>1</b>
ENV 224	Land Resource Management	BIO140 & 140A	4
ENV 228	Environmental Issues	None	1
<u>Watershed Course (Choose 1)</u>			
ENV 236	Wetlands Science	BIO140 & 140A	3
ENV 250	Rural Watershed Protection	None	4
<b>Total Semester Hours Credit (SHC) in Certificate:</b>			<b>12-13</b>