

**SLOs, Performance Indicators, and Assessment Schedule  
Online MS in Environmental Engineering Program (CSUF)**

<b>SLOs</b>	<b>Performance Indicators</b>	<b>F18</b>	<b>S19</b>	<b>Su19</b>	<b>F19</b>	<b>S20</b>	<b>Su20</b>	<b>F20</b>	<b>S21</b>	<b>Su21</b>	<b>F21</b>	<b>S22</b>	<b>Su22</b>
(1) Understanding basic principles and ability to conduct calculations related to environmental engineering	(1a) Understanding basic principles (chemistry, hydraulics, and/or hydrology) related to environmental engineering	570			571			570			571		
	(1b) Ability to conduct calculations on fate and transport of chemicals in the environment and/or hydraulics/hydrology related to environmental engineering	570			571			570			571		
(2) Understanding environmental regulations, engineering ethics, environmental impact report, and project management	(2a) Understanding environmental regulations, engineering ethics, and components of an environmental impact report					573						573	
	(2b) Ability to write technical articles related to environmental regulations/policies and impact statement					573						573	
	(2c) Understanding the components of project management					573						573	
(3) Understanding contemporary pollution management issues and ability to conduct conceptual design of sustainable treatment processes	(3a) Understanding contemporary environmental issues related to pollution management (air, water, wastewater, solid waste, stormwater runoff, and/or site contamination)		515	581	572	546	582		583	581	572	546	582
	(3b) Ability to conduct conceptual design of sustainable treatment processes (air, water, wastewater, solid waste, stormwater runoff, and/or site remediation)		515	581	572	546	582		583	581	572	546	582
(4) Ability to develop a research plan, write technical articles, and conduct oral presentation	(4a) Ability to conduct literature search and development of a research plan				597			597			597		
	(4b) Ability to write technical papers and conduct oral presentation				597			597			597		

For the most up-to-date information, please contact the program.