

**Curriculum map with SLOs and Performance Indicators  
Online MS in Environmental Engineering Program (CSUF)**

SLOs	Performance Indicators	515	546	570	571	572	573	581	582	583	597
(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			X	X						
	(1b) Ability to conduct calculations on fate and transport of chemicals in the environment and/or hydraulics/hydrology related to environmental engineering			X	X						
(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						X				
	(2b) Ability to write technical articles related to environmental regulations/policies and impact statement						X				
	(2c) Understanding the components of project management						X				
(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)	X	X			X		X	X	X	
	(3b) Ability to conduct conceptual design of sustainable treatment processes (air, water, wastewater, solid waste, stormwater runoff, and/or site remediation)	X	X			X		X	X	X	
(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										X
	(4b) Ability to write technical papers and conduct oral presentation										X

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