

PLT Department		Program Outcomes			
University Outcomes		1. Analyze and create a recommendation for control of a pest situation.	2. Develop and utilize management strategies and calendars of operations to grow plants under given climatic parameters.	3. Synthesize and implement irrigation strategies that optimize plant growth and conserve water.	4. Recognize the natural genetic variability between species of plants and describe concepts of plant genomics, biotechnology and plant improvement.
Practitioners	<i>communication skills</i> - using verbal, written, visual and listening skills to communicate persuasively and coherently	X	X		
	<i>interpersonal skills</i> - demonstrating teamwork and leadership skills to achieve common goals	X			
	<i>disciplinary learning</i> - applying, integrating, and adapting fundamental information, concepts, theories and methods in their principal disciplines	X	X	X	X
Integrative Thinkers	<i>critical thinking</i> - thinking clearly and logically to evaluate ideas, analyze and interpret information, and draw inferences through reasoning	X	X	X	
	<i>problem solving</i> - identifying, formulating, , investigating, and solving quantitative and qualitative problems effectively and creatively	X		X	
	<i>information literacy</i> - locating, assessing, using and communicating qualitative, quantitative and scientific information, among a wide variety of sources, methods, and tools	X		X	X
	<i>integrating and transferring learning</i> - making connections across disciplines and between current and new knowledge, and applying that knowledge in professional and community life	X			X
Model Leaders	<i>ethical understanding</i> - applying ethical considerations in professional, personal and social life			X	X
	<i>liberal learning</i> - demonstrating knowledge and appreciation of the physical and natural world, and of the development and legacies of diverse world cultures		X		
	<i>global citizenship</i> - understanding the responsibilities of being a global citizen and the role of civic engagement in fostering a democratic society				
	<i>intentional learning</i> - employing self-knowledge of the social and cognitive factors influencing their learning to engage in ongoing reflection and exploration for the purpose of personal development	X			
	<i>lifelong learning</i> - pursuing educational interests from previous learning outside classroom requirements indicating intellectual curiosity in the expansion of knowledge and abilities.	X			X