

Assessment of Program Student Learning Objectives (SLOs)  
*SLO Survey of Certificate Applicants*  
Biotechnology Certificate of Specialization  
Spring 2013 – Spring 2014



General Education SLOs and Program Satisfaction

	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
<b>Overall Impressions</b>						
1. This program successfully helped to prepare me for my career goals.	2	0.0%	50.0%	50.0%	0.0%	2.50
2. This program successfully helped to prepare me for my next academic goal.	2	0.0%	50.0%	50.0%	0.0%	2.50
<b>Based on My Experience in this Program at CSM...</b>						
1. I can express ideas effectively in writing.	1	0.0%	0.0%	100.0%	0.0%	2.00
2. I can express ideas effectively orally.	1	0.0%	100.0%	0.0%	0.0%	3.00
3. I can communicate effectively in a group.	1	0.0%	100.0%	0.0%	0.0%	3.00
4. I can comprehend, interpret, and analyze information I read.	1	0.0%	100.0%	0.0%	0.0%	3.00
5. I can effectively assess the legitimacy of different types of information.	1	0.0%	100.0%	0.0%	0.0%	3.00
6. I can comprehend a variety of numerical or quantitative calculations, including graphs and charts.	1	0.0%	100.0%	0.0%	0.0%	3.00
7. I can work effectively with others of diverse backgrounds.	1	0.0%	100.0%	0.0%	0.0%	3.00
8. I can identify ethical issues and evaluate their consequences.	1	0.0%	100.0%	0.0%	0.0%	3.00

Note: "Mean Score" is derived by assigning numeric values to each response (where 1="Disagree Strongly", 2="Disagree", 3="Agree", and 4="Agree Strongly") and calculating the mean of all responses for a given question item.

NOTE: The data presented here are derived from an online survey sent to all CSM certificate earners, Spring 2013-Spring 2014. Award earners are asked to indicate the extent to which they agreed with statements regarding student learning outcomes associated with their program and general education curriculum.