

BIOL 101 Students



- 72% plan to transfer
- 22% BUS majors
- 20% undecided
- 37 college units
 - Range: 0-120

BIOL 101

- Mission:
- Evaluation:
- Assessment:



SLO Assessment Plan

SLO	Assessment Method and Criteria	Term	Outcome Results	Analysis Action &
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•Objectives v. outcomes

SLOAC Methods



- **Direct:**
- **Indirect:**

SLO Assessment Plan




SLO	Assessment Method and Criteria	Term	Outcome Results	Analysis Action &
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The criteria are



M. Zieky and M. Perie. *A Primer on Setting Cut Scores on Tests of Educational Achievement*. Educational Testing Service, 2006. <http://www.ets.org>
 C. Horn et al. *Cut Scores: Results May Vary*. NBETPP Monographs 1(1). eScholarship@BC, 2000.



BIOLOGY 101

Name _____ Spring 2009

Phone _____ College units completed _____


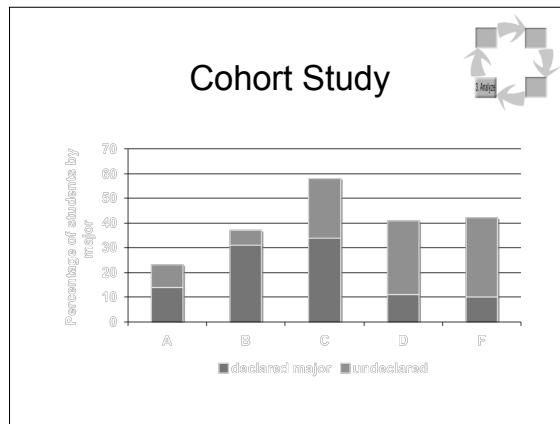
Email _____

Major _____


Previous/concurrent science courses (high school/college): _____

Two field trips will be scheduled during the semester. Please circle the most convenient days for you, between _____

M T W TH





Outcome Results




SLO	Assessment	Criterion	Results	Action
1. Scientific method	Weekly lab quiz	15-pt M/C	80% score \geq 87%	
Direct or indirect?				

Outcome Results



SLO	Assessment	Criterion	Results	Action
4. Use the scientific knowledge and skills necessary for active citizenship.	Science Attitude Survey	Pre-Post-course survey	70% positive change in attitude	
Direct or indirect?				

- ### For example:
- 
- I enjoy studying Biology.
 - Strongly agree Agree Disagree Strongly disagree
 - Semantic differential
 - Biology is: Clean | | | Dirty
 - Citizenship
 - I plan to vote in the upcoming election.
- C. L. Case. *American Biology Teacher* 42(2):121-123, 1980.
J. E. Roueche et al. *Assessing Student Opinions of the Learning Experience*. Machaca TX: Sterling Swift, 1976.

