

Strategic Plan Goal 1: Learning

We will enhance student learning by promoting academic excellence and public leadership.

To realize this goal, we will

- revise and improve the curriculum to enhance individual student development and produce regionally and nationally competitive graduates;
- improve instructional effectiveness of all faculty.

Reporting Unit	Unit/Program Goal	Strategic Goal Supported	Score	Evaluation Met (3.00 – 2.01) Partially Met (2.00 – 1.01) Not Met (1.00 – 0.01) Not Evaluated (0.00)	Additional Resources Required to Achieve or Sustain Results
1. Biology	Students graduating with a B.S. degree in biology will be exposed to a broad range of biological laboratory techniques and technologies	Learning	3.00	Met	\$0.00
2. Biology	Students graduating with a B.S. degree in biology will possess an understanding of the vocabulary of the discipline and be able to communicate concepts in biology through the proper use of this vocabulary	Learning	2.33	Met	\$0.00
3. Biology	Students graduating with a B.S. degree in biology will possess an understanding of a broad spectrum of the accumulated knowledge in the field of biology	Learning	3.00	Met	\$0.00
4. Chemistry	Demonstrate appropriate scientific communication skills to prepare and present a seminar presentation on a literature topic or undergraduate research	Learning	2.86	Met	\$0.00

	experience				
5. Chemistry	Demonstrate skills necessary for safe and appropriate collection, analysis, and interpretation of data in chemistry laboratory experiments	Learning	2.50	Met	\$0.00
6. Chemistry	Develop an understanding of modern scientific concepts related to organic, inorganic, analytical and physical chemistry	Learning	2.00	Partially Met	\$0.00
7. Computer Information Systems	Graduates demonstrate the understanding of their moral and ethical duties as CIS professionals	Learning	3.00	Met	\$0.00
8. Computer Information Systems	Graduates will demonstrate ability to learn and to do research on their own	Learning	3.00	Met	\$0.00
9. Computer Information Systems	Graduates will demonstrate good communication skills	Learning	3.00	Met	\$0.00
10. Computer Information Systems	Graduates will demonstrate the skills needed to manage Computer Information Systems problems	Learning	2.42	Met	\$0.00
11. English	To demonstrate an ability to analyze and interpret literature	Learning	3.00	Met	\$0.00
12. English	To demonstrate an ability to understand literature within context, such as history, politics, genre and/or culture	Learning	2.50	Met	\$0.00
13. English	To demonstrate familiarity with literary criticism and mastery of MLA-style citations	Learning	2.50	Met	\$0.00
14. English	To generate written texts that reflect the conventions of American grammar and organization	Learning	2.50	Met	\$0.00
15. Environmental Science	Based on an understanding of the legal, ethical, social, political, and economic ramifications of environmental problems, policy, and decisions, students will be able to develop and articulate well informed and reasoned views on environmental issues	Learning	3.00	Met	\$0.00

16. Environmental Science	Students will be able to use the scientific method and associated critical thinking skills to formulate questions, design experiments and interpret and evaluate data to answer them	Learning	2.50	Met	\$70,000.00 ¹
17. Environmental Science	Students will have developed writing and presentation skills appropriate for students and practitioners in the discipline of environmental science	Learning	3.00	Met	\$0.00
18. Environmental Science	Understand the scientific basis (chemistry, biology, geology, basic environmental sciences) for environmental challenges and proposed solutions	Learning	2.50	Met	\$0.00
19. Exercise Science	Demonstrate professional dispositions and appropriate communication skills to be successful in exercise related career	Learning	3.00	Met	\$0.00
20. Exercise Science	Demonstrate professional knowledge and skills necessary for satisfactory performance in a clinical setting	Learning	3.00	Met	\$0.00
21. Exercise Science	Develop an understanding of important concepts related to: 1) anatomy, physiology, and biomechanics of the human organism; 2) exercise science laboratory techniques; 3) exercise science research; and, 4) the promotion of healthy lifestyles	Learning	1.00	Not Met	\$0.00
22. EYE Program	Strengthen Lander University's graduates' ability to apply the knowledge, skills,	Learning	3.00	Met	\$0.00

¹ To further improve performance with respect to this goal, lab sessions would be added to each of the following core courses, ES-310 (Environmental Geology) and GEOL-405 (Hydrogeology). A freshman seminar in Environmental Science will also be added (or a seminar requirement for multiple years), and it is anticipated that the seminar will focus on problem solving in the environmental sciences, critical thinking and locating data. It is desired that a recitation session or lab be added to each of ES-301 and ES-302, to provide much-needed instruction on project planning, management, data collection, data analysis, professional report preparation. This should greatly increase the quality of the major semester projects in these courses, which have been below target in the instructor's expectations due to lack of available time and appropriate detailed instruction in these areas, which cannot be provided in these courses without significant loss of other important content material within the limited class times. In addition, students would benefit greatly from a lab in geographic information systems (GIS), a standard tool in the discipline. Currently, GIS is incorporated sporadically in ES-302 lecture material, which does not provide the students sufficient opportunity to become proficient or confident in their skills. GIS skills are among the most sought after skills among employers. The addition of such hands-on activities as these courses will do much to increase recruitment of students into the program, as well as to increase the competitive value of their degrees. This modification of the program would require one new faculty appointment in the discipline. The figure indicated above includes salary, benefits and miscellaneous costs associated with a new faculty hire plus a nominal amount to upgrade our GIS software and purchase new hardware and associated expenses.

	and desirable personal characteristics associated with their discipline to real-world problems				
23. EYE Program	Strengthen Lander University's graduates' professional behavior and ability to reflect for personal improvement	Learning	3.00	Met	\$0.00
24. General Education Competency 1:	To enable students to develop University-level knowledge and comprehension	Learning	Not Scored ²	Not Evaluated	\$0.00
25. General Education Competency 2:	To enable students to develop the ability to apply information	Learning	Not Scored	Not Evaluated	\$0.00
26. General Education Competency 3:	To enable students to develop the ability to analyze information	Learning	Not Scored	Not Evaluated	\$0.00
27. General Education Competency 4:	To enable students to communicate effectively and appropriately	Learning	Not Scored	Not Evaluated	\$0.00
28. History	A history student will be able to critically evaluate a secondary source of literature	Learning	2.33	Met	\$0.00
29. History	Demonstrate the ability to critically evaluate primary sources of history	Learning	2.50	Met	\$0.00
30. History	Demonstrate the ability to orally articulate and defend a position developed through research	Learning	3.00	Met	\$0.00
31. History	Demonstrate the ability to place historical events in correct chronological order	Learning	2.00	Partially Met	\$0.00
32. History	Demonstrate the ability to write a research paper using the Chicago Manual of Style for documentation	Learning	2.00	Partially Met	\$0.00
33. Master of Arts in Teaching	Students demonstrate a professional level of knowledge and experience in art content before entering clinical practice	Learning	3.00	Met	\$0.00
34. Master of Arts in Teaching	Students demonstrate the skills and behaviors of effective teachers during	Learning	3.00	Met	\$0.00

² All four (4) new General Education Competencies supporting the "Producing Powerful Thinkers" vision were benchmarked in the 2010-2011 academic year. The Faculty Senate and the General Education Committee will use these benchmarks to set expected outcomes for the 2011-2012 academic year/assessment cycle.

	clinical practice				
35. Master of Education: Monterssori Elementary Education	Demonstrate specific knowledge, skill, and dispositions to be effective teachers	Learning	3.00	Met	\$0.00
36. Mathematics	Students graduating from Lander University with a degree in mathematics will have a broad base of mathematical knowledge	Learning	2.89	Met	\$0.00
37. Mathematics	Students in the Mathematics Secondary Certification program will be prepared to teach secondary school level mathematics courses	Learning	2.50	Met	\$0.00
38. Mathematics	Students will communicate mathematical ideas effectively	Learning	3.00	Met	\$0.00
39. Music	Graduates in music should have developed a keen sense of the technique and artistry essential to the performance of music	Learning	3.00	Met	\$0.00
40. Music	Graduates in music should possess a working knowledge of the theoretical concepts and historical context associated with the creation of music	Learning	2.50	Met	\$0.00
41. Political Science	Political science majors will demonstrate effective citizenship	Learning	3.00	Met	\$0.00
42. Political Science	Political science majors will demonstrate knowledge in most of the generally-recognized areas of the discipline	Learning	3.00	Met	\$0.00
43. Political Science	Political science majors will demonstrate political analysis skills	Learning	3.00	Met	\$0.00
44. Political Science	Political science majors will demonstrate skills essential for success in careers related to political science	Learning	3.00	Met	\$0.00
45. Political Science	Political science majors will demonstrate the ability to communicate effectively	Learning	3.00	Met	\$0.00
TOTALS FOR STRATEGIC PLAN GOAL 1: LEARNING			2.71	Met	\$70,000.00