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| STEP 2: Map program goals onto University goals | STEP 1: START HERE. If you have program goals which do not map onto university goals, please add a row and list them below the University goals | STEP 3: After you have mapped programs goals onto the curriculum, select 2 programs goals and explain where (course/s) and how (test? Project? Capstone?) you will assess it spring semester 2012 using embedded/direct measures. You might assess it one course or multiple courses. If your goal has multiple aspects, pick one to assess.  |
| **University Learning Goals** | **Your Degree Program Learning Goals** | **Outcomes Assessed by Your Department** |
| 1.   Disciplinary Knowledge. Students demonstrate a depth of knowledge in one area/ discipline, as well as a breadth of knowledge that (1) enables adaptability and flexibility as knowledge grows and changes, and (2) recognizes linkages/complementarity to other areas/disciplines. |  |  |
| 2.  Knowledge of the physical and natural world. Students demonstrate knowledge of the physical and natural world. This is accomplished by studying science and mathematics.  |  |  |
| 3.   Global Literacy and knowledge of human culture. Students demonstrate knowledge of human cultures and will be able to interact in meaningful ways with people from other cultures. This will be accomplished by acquisition of global knowledge and competencies through the study of social sciences, arts and humanities. |  |  |
| 4.  Critical & Creative Thinking. Students will be able to think critically and creatively, as demonstrated by their broad, adaptable and versatile use of reasoning, logic, and evidence to access and evaluate information and solve complex problems both independently and in groups.  |  |  |
| 5.  Communication. Students will be able to communicate effectively, orally, in writing and in new media, to a wide variety of audiences. |  |  |
| 6.   Information Literacy. Students will be able to identify the need for information, procure and evaluate information, and subsequently revise their strategy for obtaining information. Students will access and apply information in an ethical and legal manner.  |  |  |
| 7.  Technology.   Students will demonstrate knowledge of technology and its implications in society, and be able to design and/or use technology for creative activities or innovative solutions to problems.  |  |  |
| 8.       Values and Civic Engagement. Students will be able to address conflicting moral, ethical, and legal questions, and identify and develop a personal sense of ethical responsibility for the broader impact of their actions on science and a sustainable society. |  |  |