| ***Primary learning Outcome*** | ***Related outcome*** | Curriculum Review | Alumni Survey | Senior survey and self-assessment | Senior exit interviews | Field camp*/Senior thesis** | Weather forecasting contests** | Placement data | ***Results*** | ***Changes*** |
|---|---|---|---|---|---|---|---|---|---|---|
| Possess familiarity with the broad scope of the field of the discipline | | X | X | X | X | X | | | | |
| | Read and critically evaluate relevant professional literature | X | | X | | | | | | |
| | Think critically | | | X | | X | X | | | |
| | Present information clearly in written and oral form | X | | X | | X | | | | |
| | Work in a team environment | | | | | X | | | | |
| | Appreciate cultural diversity | | X | X | | X | | | | |
| Use appropriate tools from chemistry, physics, biology, mathematics, and computing to solve discipline-specific problems | | X | X | X | | X | X | | | |
| Understand scientific principles and their application to scientific inquiry and to societal concerns | | X | X | X | | X | X | | | |
| Use with competence appropriate techniques and field methods | | X | | X | | X | X | | | |
| Attain employment in geology, meteorology or related fields, or continue their graduate studies | | | X | X | | | | X | | |

* Geology majors only

** Meteorology majors only