### Speech Pathology, M.A.

**Outcome(s) Assessed**
- Students will demonstrate appropriate application of clinical procedures and processes, and problem-solving, in the treatment of speech and language disorders
- Students will demonstrate effective oral and written communication consistent with the requirements of the discipline
- Students will learn, integrate, and apply discipline specific knowledge

**Methods & Artifacts**
- Evidence-based practice reports completed by supervisors submitted in CSD 6500
- Papers and oral reports submitted in CSD 6650 and 6600 (Dysphagia & Aphasia)
- Exit Interviews

**Data-Informed Action Plan**
- Need for new tracking system to align with updated national standards
  - Implemented new tracking system
  - Faculty and clinical supervisors have been using the new system
  - Discussed ways to assess this system for the next assessment year

### Earth Science - Teaching, B.A.

**Outcome(s) Assessed**
- The student is able to successfully complete the student teaching experience, the student is able to demonstrate the ability to apply earth science information in the classroom setting
- The student is able to correctly apply the major principles of meteorology to their applications and the environment
- The student is able to synthesize earth science information and interpretations of information in the various disciplines of Earth Science from multiple sources

**Methods & Artifacts**
- Student teaching evaluations
- Grades in advanced meteorology coursework
- Term papers and writing assignments
- Faculty feedback

**Data-Informed Action Plan**
- Need for more hands-on experiences identified
  - Pursuing the addition of lab and field method coursework
- Only one advanced course in Meteorology available, so applying fundamental knowledge is not always possible for students
  - Considered changing the current course configuration
  - Explored the potential for additional staffing
- New requirement for Praxis II examinations
  - Discussed the need to assess this in the next assessment year

### Spanish, B.A.

**Outcome(s) Assessed**
- Students will be able to present information, concepts, and ideas, both in speaking and in writing, to an audience of listeners or readers on a variety of topics
  - Mid-level students are expected to write at the ACTFL (American Council on the Teaching of Foreign Languages) Intermediate Mid Level
  - Exit-level students are expected to write at the ACTFL Advanced Low Level

**Methods & Artifacts**
- Three-page video reports
  - Used a grammar and vocabulary rubric
  - Evaluated 6 mid-level students and 7 exit-level students

**Data-Informed Action Plan**
- Grammatical deficiencies seen among mid-level students
  - Added a new grammar textbook to Intermediate Spanish course
  - Spanish 2001 and 2002 have a new syllabus, textbook, and online platform
  - Added emphasis on grammatical accuracy in upper-level coursework
  - Future assessments will focus on the role of study abroad in grammatical proficiency
**Industrial Mathematics, P.S.M.**

**Outcome(s) Assessed**
- Students will be well-prepared to work in the real business and industrial world
- Students will be able to express themselves clearly, effectively, and professionally, both orally and in writing
- Students will acquire working experiences through the industrial internship

**Methods & Artifacts**
- Survey of graduates about their career paths and the applicability of their skills
- Term projects are presented in each course
- Internship supervisor feedback

**Data-Informed Action Plan**
- Students need additional problem-solving skill development
  - Internship projects will be strengthened
- Deficiencies seen in presentation skills
  - Added additional term projects with a focus on presentation skills
  - Continued effort and emphasis on communication

**Movement and Exercise Science, B.A.**

**Outcome(s) Assessed**
- Understand and apply fundamental concepts in the discipline
- Communicate effectively, both orally and in writing, in both one-on-one and group settings
- Address issues critically and reflectively
- Work well with others
- Respect persons from diverse cultures and backgrounds
- Commit to open-minded inquiry and lifelong learning to maintain best practice in the profession

**Methods & Artifacts**
- Internship supervisor reports
- Faculty reports of Research Experiences course
- Faculty reports from lab courses

**Data-Informed Action Plan**
- Need for better instruction about job applications and career paths
  - Created new course focusing specifically on career paths for Movement and Exercise Science Majors
- Interest in Sport Management continually expressed
  - Searched for a new faculty member in this area
  - Explored the potential to create a Sport Management major at UNI
- Concerns with large class sizes expressed
  - Continued advocacy for additional resources

**Mathematics (Non-Teaching), B.A.**

**Outcome(s) Assessed**
- Appropriateness of curriculum, based on both student views and employer needs
- Preparation for industry
- Breadth of education

**Methods & Artifacts**
- Student survey
- Student employment data from graduating seniors
- Actuarial exams

**Data-Informed Action Plan**
- Need for additional instruction in the Actuarial Science field
  - Added a new course - Seminar on Actuarial Profession
  - Included presentations from working professional actuaries in the course
- Most students do not take a statistics course, although it is strongly encouraged
  - Changed curriculum requirements to require completion of a Statistics class at the junior/senior level
- Students expressed a desire for more flexibility
  - Reduced program electives from four to two
- Additional emphasis on reading and presenting mathematics needed
  - All students are now required to take the senior seminar course
  - This curricular change will serve the dual-purpose of increasing reliability of Student Outcome Assessments