ADVANCED DEGREE INSTITUTIONAL LEARNING ACHIEVEMENT INVESTIGATION: METHODS AND OPPORTUNITIES FOR ACTION

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Introduction & Background

At the University of Hawai‘i at Mānoa, every degree program periodically submits a Program Assessment Report, which describes program learning outcomes assessment activities and assessment results. In 2020, all but one graduate program submitted an assessment report, and 74% of the programs had learning achievement results. Because program learning outcomes (PLOs) can be aligned with the Advanced Degree Institutional Learning Objectives (ILOs), we aggregated the program-level assessment results to investigate student learning achievement at the institutional level.

Methodology

1. Align PLOs with ILOs
2. Extract student learning achievement results for each PLO
3. Aggregate PLO achievement results for each ILO

High Achievement on Advanced Degree ILOs (%)

- Conduct Research (ILO 3): 97%
- Professionalism (ILO 7): 97%
- Ethics (ILO 6): 96%
- Knowledge of Methods (ILO 2): 96%
- Critical Analysis (ILO 4): 95%
- Knowledge of Concepts (ILO 1): 95%
- Communication (ILO 5): 95%

Collaborative Actions upon Results

The Assessment and Curriculum Support Center (ACSC) presented findings to Graduate Division (GD) & the Graduate Council. GD followed up with deans and program. ACSC collaborated with GD and the Graduate Council to showcase excellence and provide needed support:

2. Recruited members for an advisory board to promote assessment best practices and assist with ILO assessment.
3. Graduate Council offered working partnership with ACSC.
4. ACSC, GD, and Graduate Council planned to provide targeted support to programs that need to complete the assessment cycle.

Advanced Degree ILOs

Knowledge and Understanding

1. Demonstrate comprehensive knowledge in one or more general subject areas related to, but not confined to, a specific area of interest.
2. Demonstrate understanding of research methodology and techniques specific to one’s field of study.

Intellectual & Applied Knowledge

3. Apply research methodology and/or scholarly inquiry techniques specific to one’s field of study.
4. Critically analyze, synthesize, and utilize information and data related to one’s field of study.

Communication skills

5. Proficiently communicate and disseminate information in a manner relevant to the field and intended audience.

Professional Responsibility

6. Conduct research or projects as a responsible and ethical professional, including consideration of and respect for other cultural perspectives.
7. Interact professionally with others.

Excellent Assessment Practices

- Assess with culminating products (theses, dissertations, defenses)
- Faculty collaboratively evaluate using clear criteria (rubrics)
- Use multiple sources of evidence (assignments, survey)
- Improve Learning experiences based on assessment results

Challenge: 26 Program Results Unusable

- Unreported Results: 7
- Unclear Results: 6
- Unclear Alignment: 6
- Unclear Standards: 5
- Incomplete Data: 2

Additional Thoughts

- Capture broad professionalism (e.g., leadership, teaching, self-reflection) in ILO7.
- Many programs need to improve ILO-PLO alignment.