

Mathematics BA, BS, MS, MAT, and Ph.D.
Program Review: Provost

Comments:

The Program Review notebooks were thorough and well-organized, which is much appreciated. However, different from most of the other Program Review notebooks

provided, the material in the primary notebook followed the Provost's instructions for the

advanced mathematics, like Physics. However, the inverse of this argument is troubling, in that it suggests that UAF offers little to Ph.D. students, in terms of courses, above the Master's level unless it is in terms of quantity of courses taken. Of course, research opportunities are equally as important to the Ph.D. student as the courses.

A potential number of students received D.A. over the period of 6 years is

this statistic. A particular challenge for Math is assessing outcomes 'whenever and wherever' courses are offered, particularly with reference to Core courses that are offered

assessment materials from these units but with limited success. This needs improvement, and the Vice Provost will continue to encourage CRCD to provide more coordination and support of this effort. Assessment of the MS is mainly based upon the written comprehensive examination, an exit survey, and employment/education success of alumni. Pass rates on the comprehensives have been high, and exit/alumni surveys indicate that the students are satisfied with their program and are successful in finding related employment or continuing in Ph.D. programs. Assessment of the Ph.D. program is not possible since there have been no graduates since 1996, but Ph.D. students are being evaluated based on the Master's comprehensive (which serves as a qualifying exam), an oral exam in the area of the dissertation, and exit/alumni surveys similar to those for the MS. Mathematics has made good progress with outcomes assessment. 12-

be presented as an appendix to Math's next Program Assessment report, and subsequent annual assessment reports should include brief progress reports on progress toward meeting these criteria.

3. Compile the information that will be needed to make a determination about continuing the Ph.D. program in 2010. _____
-

Susan Henrichs
Dean of the Graduate School and Vice Provost

Paul Reichardt
Provost