

DEPARTMENT OF MATHEMATICS AND STATISTICS
B.S. AND B.A. DEGREE ASSESSMENT
2011-2012

1.1. 2010-2011 B.S. Degree in the Department of Mathematics and Statistics

(<http://www.ets.org/s/mft/pdf/2011/mathematics4amf.pdf>) we find that:

- one student earned a perfect score which places it in the top 4%
- 3 of 11 earned scores in the top 7%
- 7 of 11 earned scores in the top 25%
- 10 of 11 earned scores in the top third

Furthermore, when the average scores of these 11 students are split by topic – Calculus, Algebra, Routine, Nonroutine, Applied – the students scored in the top 90%, 94%, 98%, 98%, and 97% respectively.

These scores indicate that our students perform very well compared to math majors at other institutions.

Objective: Our students will have opportunities to develop the necessary skills to achieve their career goals in mathematics.

Procedure: A) Exit survey; B) Alumni survey

Implementation: A) Every spring, the instructor of Math 490, a required course for all math majors, will give all students an exit survey at the end of the course. The assessment committee will summarize results in its annual report.

B) Every 3 years, alumni surveys will be sent to all students who graduated with a degree in mathematics 2,3, and 4 years prior. The assessment committee will summarize results in its annual report.

Status: Exit Interview Data

- Number of students: 12
- Degree Type: 8 B.S.; 3 B.A.; 1 no answer; 5 double majors; 2 double degrees
The list of second majors is: Biology, Computer Science (2), Electrical Engineering, Physics (2), Spanish.

Seven students were already accepted in graduate school or had employment. The graduate programs included a master's program in mathematics (2), a PhD program in computational social science, teacher certification in secondary education, veterinary school. Two students would immediately begin (or continue) jobs. One would continue in information technology

- Advising: Five students identified an advisor. (Note all 5 students had different advisors.)
Five students had no advisor. Two students described "sort of" advisors.

Status: The Chair of the Department found no problems. He observed that our majors generally

performed well academically and he observed that in CDA 620 students