

Assessment Record

Program: AA degree in Mathematics

Assessment period: 2009-2010

Program or Department Mission:

The Mathematics Department is committed to providing students who are mathematics majors with a solid mathematical foundation that will lead to their success in either graduate school or in teaching careers for grades eight through twelve.

In addition, for students who are not mathematics majors, the department is committed to providing these students with a solid mathematical foundation that will support their subsequent course work and careers.

Plan		Report	
Intended goals, outcomes, or objectives	Means of Assessment & Criteria for Success	Summary & Analysis of Assessment Evidence	Use of Results
<p>1. Students transferring to other universities will find their courses from UVU fully accepted as prerequisites for upper division courses.</p>	<p>1. A survey will be sent to students who have transferred. To increase the response rate a small reward will be given to students who return the survey either by regular mail or by e-mail. Our program will be considered a success if at least 90% of the respondents have all their UVU courses be fully accepted.</p> <p>2. The outcomes assessment faculty member will contact the three four-year institutions which enroll the greatest number of UVU transfers to verify that our courses are fully accepted. Our program will be considered a success if at least 95% of the math departments courses will be fully accepted.</p>	<p>1. No surveys have been returned as of 4/2/2010</p> <p>2. As well as could be determined 100% of our courses are accepted at Brigham Young University, The University of Utah, and Utah State University</p>	<p>To increase response we can use both postcards and emails to contact the graduates.</p>

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2. Students transferring to other universities will have GPA's comparable to the transfer institutions overall GPA	1. A one-year follow-up survey will be sent to students for whom we know the transfer institutions. To increase the response rate to the survey a small reward will be given to students who return the survey either by regular mail or by e-mail. The mean GPA of the transfer students will be no lower than one half standard deviation below the institution's mean GPA for the major.	1. No surveys have been returned as of 4/2/2010.	To increase response we can use both postcards and emails to contact the graduates.
Plan submission date: 4/30/2009 Submitted by: Raymond Sievers		Report submission date: 4/12/2010 Submitted by: <i>Ray Sievers</i>	

Assessment Record

Program: Bachelor of Science Mathematics Education

Assessment period:

Program or Department Mission:

The Mathematics Department is committed to providing students who are mathematics majors with a solid mathematical foundation that will lead to their success in either graduate school or in teaching careers for grades eight through twelve.

In addition, for students who are not mathematics majors, the department is committed to providing these students with a solid mathematical foundation that will support their subsequent course work and careers.

Plan		Report	
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1. Our goal is to provide students with a background that will lead to their successful employment in teaching grades eight through twelve.	<p>1 Exit interviews: An exit interview will be required for all graduating students in Mathematic Education. One goal is to have at least 80% of respondents have a mean response on the survey of 3 or more.</p> <p>2. Praxis Scores: All Mathematics Education graduates are requires to take the Praxis exam. Our goal is to have at least 85% or more pass the exam</p>	<p>1) As of 3/13/10 There have been three completed surveys for the 2009-2010 school year. All three (100%) had a mean response over 3. The average response was 3.75 with the lowest possible response being 1 and the highest possible response being five</p> <p>2.) In 2009 two graduates took the secondary education Praxis exam in Mathematics and so far in 2010 six have taken the exam. All eight examinees (100%) have passed the Praxis exam.</p>	No changes are planned
2. A second goal is that at least 70% of our graduates will find teaching employment at the time of graduation.	As part of the exit interview students will be asked if they have been offered a teaching position	Of the current Mathematics Education majors, one currently has an offer of employment.	With current budget cuts in education, new teaching positions are more difficult to obtain than in previous years so only one firm offer by the end of March is not surprising. No changes are currently planned

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Plan submission date:	Report submission date:		
Submitted by:		Submitted by: <i>Ray Swen</i> 4/12/2010	

Assessment Record

Program: Mathematics major for Bachelor of Science

Assessment period: 2009-2010

Program or Department Mission:

The Mathematics Department is committed to providing students who are mathematics majors with a solid mathematical foundation which will lead to their success in either graduate school or in teaching careers for grades eight through twelve.

In addition, for students who are not mathematics majors, the department is committed to providing these students with a solid mathematical foundation that will support their subsequent course work and careers.

Plan		Report	
Intended goals, outcomes, or objectives	Means of Assessment & Criteria for Success	Summary & Analysis of Assessment Evidence	Use of Results
<p>1. Graduates of the BA program in mathematics who go on to graduate school will be prepared for graduate work at their new institution.</p>	<p>1. Exit interviews: An exit interview will be required for all graduating students in Mathematics. Our goal is to have a mean response on the survey of 3 or more for at least 80% of our graduates. A second goal is to have at least a 2/3 acceptance rate of graduates applying to graduate school.</p> <p>2. Majors Field Exam: Our graduates will take the Majors Field Exam in Mathematics. Our goal is to have our graduates average at the 50th percentile or higher when compared to similar schools. (Public Bachelate Universities)</p>	<p>1. For the exit interview 100% of our 5 BA graduates in mathematics for the 2009-2010 school year had a mean response above 3. The average score was 4.7 out of a possible 5, with 1 being the worst possible score and 5 the best possible score.</p> <p>None of our 2009-2010 graduates have applied to graduate school.</p> <p>2. For the 2009 2010 school year the Majors Field Exam was not mandatory and no graduates have taken the exam.</p>	<p>1. No changes are planned.</p> <p>2. To ensure that graduates take the majors filed test we will either require the exam for graduation or have the exam as part of a cap-stone class needed for graduation.</p>

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2. Graduates of the BA program in mathematics who go on to seek employment after graduation will obtain a mathematics-related job within a reasonable amount of time after graduation.	1. Follow-up questionnaires: A follow-up questionnaire will be mailed to graduates one and two years after graduation. To increase participation to these survey's the department will award small gifts to those sending back the questionnaire either through regular mail or by e-mail. The follow-up questionnaires will be considered a success if 50% respond to the questionnaire and 80% of those who respond have a mean response of 3 or higher. Our goal is to have at least 85% of respondents indicating that they have found satisfactory employment in a mathematics- related field at the time of the survey.	No surveys have as yet been returned.	To increase response we can use both postcards and emails to contact the graduates
3. Graduates of the mathematics program will report an overall satisfaction with their education in mathematics.	1. Exit interviews: An exit interview will be required for all graduating students in Mathematics. Our goal is to have at least 80% of respondents have a mean response to the survey of 3 or more. A second goal is to have at least 70% of respondents indicate that they have found satisfactory employment at the time of graduation. 2. Follow-up questionnaires: A follow-up questionnaire will be mailed to graduates one and two years after graduation. To increase participation to these survey's the department will award small gifts to	1. For the exit interview 100% of our five BA graduates in mathematics for the 2009-2010 school year had a mean response above 3. The average score was 4.7 out of a possible 5, with 1 being the worst possible score and 5 the best possible score. 2. No follow-up surveys have been returned.	2. To increase response we can use both postcards and emails to contact the graduates

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	those sending back the questionnaire either through regular mail or by e-mail. The follow-up questionnaires will be considered a success if 50% respond to the questionnaire and 80% of those who respond have a mean response of three or higher.		
Plan submission date: 4/30/2009 Submitted by: Raymond Sievers		Report submission date: 4/12/2010 Submitted by: <i>Ray Sievers</i>	