

**Year**    Year 2

**1. Identify the PLO your program assessed this academic year**

7). Demonstrate college-level knowledge in fields related to biomathematics

**2. Identify the artifact(s) (i.e. student work) that you used to assess the PLO.**

**[Papers, presentations, portfolios, test items, specific assignments, capstone**

Rubrics--The portfolios are collections of the students' final grades in the relevant courses of three years of biology, two years of chemistry and one year of physics.

**3. Identify the tools (e.g. rubrics, surveys, performance on standardized test questions) used to assess the artifact(s) (i.e. student work**

Rubrics-

**4. Explain the results of the assessment activities**

The five biomathematics majors in the class of 2016 displayed a very high level of achievement in demonstrating college-level knowledge in fields related to biomathematics. Their GPAs in the relevant courses of three years of biology, two years of chemistry and one year of physics were 3.51, 3.57 and 3.55, respectively.

**5. Where applicable, outline the steps you will take to make improvements to the program based on the results of assessment activities identified in #3.**

We will strive to sustain these results.

**6. Are there any new resources needed to make program improvements? If so, please include the resources and provide justification for each in the Budget section of the Annual Report.**

No.

**Year**    Year 2

**1. Identify the PLO your program assessed this academic year**

2). Demonstrate college-level knowledge in applied mathematics

**2. Identify the artifact(s) (i.e. student work) that you used to assess the PLO.**

**[Papers, presentations, portfolios, test items, specific assignments, capstone**

Rubrics--The portfolios are collections of samples of the students' work and final grades in the relevant courses of MATH 310, MATH 341 and MATH 463.

**3. Identify the tools (e.g. rubrics, surveys, performance on standardized test questions) used to assess the artifact(s) (i.e. student work**

Rubrics-

**4. Explain the results of the assessment activities**

The five biomathematics majors in the class of 2016 displayed a very high level of achievement in demonstrating college-level knowledge in applied mathematics. Their GPAs in the relevant courses of MATH 310, MATH 341 and MATH 463 were 3.53, 3.66 and 3.8, respectively. Moreover, nineteen samples of the students' work from these courses were reviewed. These samples were seven exams, seven final exams and five final projects. These all corroborated the grades the students earned in these courses.

**5. Where applicable, outline the steps you will take to make improvements to the program based on the results of assessment activities identified in #3.**

We will strive to sustain these results.

**6. Are there any new resources needed to make program improvements? If so, please include the resources and provide justification for each in the Budget section of the Annual Report.**

No.

**Year**    Year 2

**1. Identify the PLO your program assessed this academic year**

1). Demonstrate college-level knowledge in foundational mathematics

**2. Identify the artifact(s) (i.e. student work) that you used to assess the PLO.**

**[Papers, presentations, portfolios, test items, specific assignments, capstone**

Rubrics--The portfolios are collections of samples of the students' work and final grades in the relevant courses of MATH 114, MATH 221, MATH 222 and MATH 351.

**3. Identify the tools (e.g. rubrics, surveys, performance on standardized test questions) used to assess the artifact(s) (i.e. student work**

Rubrics-

**4. Explain the results of the assessment activities**

The five biomathematics majors in the class of 2016 displayed a very high level of achievement in demonstrating college-level knowledge in foundational mathematics. Their GPAs in the relevant courses of MATH 114, MATH 221, MATH 222 and MATH 351 were 3.89, 3.4, 4.0, and 3.4, respectively. Moreover, seven samples of the students' work from these courses were reviewed. These samples were final exams and corroborated the grades the students earned in these courses.

**5. Where applicable, outline the steps you will take to make improvements to the program based on the results of assessment activities identified in #3.**

We will strive to sustain these results.

**6. Are there any new resources needed to make program improvements? If so, please include the resources and provide justification for each in the Budget section of the Annual Report.**

No.