GE Listing Across Matrix: Mathematics/Quantitative Reasoning

Subject abbreviation, course number, and title of the course being proposed for this GE section:

**Instructions:** Attach this Student Learning Outcomes Matrix to a Course Modification proposal to list across in an additional section of GE. See [Listing Across GE Sections](https://www.csun.edu/undergraduate-studies/curriculum-proposals#ListingAcrossGESections) for more information. (For New Course proposals, use the full [Course Alignment Matrix and Course Objectives Chart](http://www.csun.edu/sites/default/files/course_alignment_%20matrix_course_objectives_chart.doc) instead of this abridged matrix.)

List the course SLOs (one per box) in the left column. For each course SLO, indicate how the course content satisfies the relevant GE SLOs by entering an I, P or D. [I=introduced (basic level of proficiency is expected); P=practiced (proficient/intermediate level of proficiency is expected); D=demonstrated (highest level/most advanced level of proficiency is expected)]

Goal: Students will gain competence in mathematical reasoning necessary for informed judgment and decision making.

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| **Course SLOs:**  **↓** | **GE SLO 1**  **Represent, understand, and explain mathematical information symbolically, graphically, numerically, and with spoken or signed language.** | **GE SLO 2**  **Develop mathematical models of real-world situations and explain the assumptions and limitations of those models.** | **GE SLO 3**  **Use models to make predictions, draw conclusions, check whether the results are reasonable and find optimal results using technology when necessary and appropriate.** | **GE SLO 4**  **Demonstrate an understanding of the nature of mathematical reasoning, including the ability to prove simple results and/or make statistical inferences.** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |