University of Guam

**Institutional Learning Outcomes (ILOs): Program Learning Outcomes (PLOs) Alignment Matrix**

Program: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

College/School: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 🞏 Undergraduate 🞏 Graduate

Date: *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

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| **Program Learning Outcomes (PLOs)** | **Institutional Learning Outcomes*****A University of Guam student will demonstrate upon completion of any degree:*** |
| Mastery of Critical Thinking and Problem Solving | Mastery of Quantitative Analysis | Effective Oral and Written Communication | Understanding and Appreciation of Culturally Diverse People, Ideas and Values in a Democratic Context | Responsible use of Knowledge, Natural Resources, and Technology | An Appreciation of the Arts and Sciences | An Interest in Personal Development and Lifelong Learning |
| PLO #1  |  |  |  |  |  |  |  |
| PLO #2  |  |  |  |  |  |  |  |
| PLO #3  |  |  |  |  |  |  |  |
| PLO #4  |  |  |  |  |  |  |  |
| PLO#5 |  |  |  |  |  |  |  |
| Continued… |  |  |  |  |  |  |  |

**ILOs and Core Statements**

**Mastery of Critical Thinking and Problem Solving**

Core statement: Frame a complex scientific, social, technological, economic or aesthetic challenge or problem and propose a “best approach” to the question or challenge using evidence; explain how the methods of inquiry and research can be brought to bear, judge the likelihood that perspectives and methods would contribute to the resolution of a challenge, and justify the importance of the challenge in a social or global context.

**Mastery of Quantitative Analysis**

Core Statement: Express familiarity with basic mathematical concepts & methods, utilize numeric skills to interpret and process quantitative data, identify and classify functions by properties and applications areas, and present, visualize and solve problems using mathematical concepts and skills.

**Effective Oral and Written Communication**

Core statement: Express ideas and facts to others effectively in a range of settings and in a variety of formats, particularly written, oral, and visual formats

**Understanding and Appreciation of Culturally Diverse People, Ideas and Values in a Democratic Context**

Core statement: Show an understanding of core values of adaptation, tolerance and cultural respect to be able to work effectively with diverse groups in forging harmonious community relations, in developing and administering public policies, and resolving conflicts.

**Responsible use of Knowledge, Natural Resources, and Technology**

Core statement: Evaluate informed and responsible action to address ethical, social, and environmental challenges in global systems and evaluates the local and broader consequences of individual and collective interventions.

**An Appreciation of the Arts and Sciences**

Core Statement: Appreciate forms of creative human expression by observing, organizing, and evaluate data (information); making informed judgments about the past; recognizing and describing the significance of a particular artistic object, work, or experience; identifying many forms of creative works of art and human expression; beginning to understand the artistic languages of the performing and visual arts by recognizing common terms, techniques, and methods of expression; and engaging in creative expression through artistic activity.

**An Interest in Personal Development and Lifelong Learning**

Core Statement: Using skills from information literacy (i.e. constructing a problem statement, locating and gathering sources, evaluating sources) students will articulate perspectives about educational and life experiences which provide foundation for expanded knowledge, growth, and maturity over time.