



## **COLLEGE OF GRADUATE STUDIES**

### **PROGRAMMATIC STUDENT LEARNING OUTCOMES**

The College of Graduate Studies seeks to produce graduates prepared to solve complex, real-world problems and to succeed as leaders in their discipline. The College provides a quality education to enhance students' understanding of fundamental science and research concepts to create skilled graduates for the biotech, nutraceutical, and pharmaceutical industries.

#### **Goals**

1. Provide an industry-relevant curriculum to prepare graduates with the skills and knowledge needed for employment in the biotech, nutraceutical, and pharmaceutical industries or further educational pursuits.
2. Promote an educational environment focused on collaboration, research, and learning.
3. Enhance students' understanding of scientific principles and topics to create industry leaders.
4. Encourage mentoring and connections between industry professionals and students for employment opportunities and enhanced learning experience.
5. Support faculty in providing exceptional education and creating well-rounded graduates.

**Upon satisfactory completion of the MSPS Program, Graduates should be able to:**

#### **Knowledge**

- Apply a broad knowledge of pharmaceutical sciences and human disease in scholarly activity in the field.
- Use advanced pharmaceutical science knowledge to understand and investigate questions that improve human health.
- Utilize knowledge of the principles and processes of the basic sciences and the scientific method in their completion of basic science courses, and apply this to the research process.

#### **Skills**

- Demonstrate the ability to critically evaluate scientific literature.
- Apply fundamental concepts in the core areas of pharmaceutical sciences to a research problem in their chosen area of research.
- Demonstrate the ability to formulate adequate scientific

