

## Academic Learning Compact

*Degree Program: Pharmaceutical Sciences (BSPS) (CIP Code 51.2099)*

Intended Program Student Learning Outcomes	Direct and Indirect Measures	
	Direct Method of Assessment	Indirect Method of Assessment
<b>Outcome 1: [Critical Thinking Skills]</b> Students will demonstrate the ability to critically think, analyze and solve problems in the basic pharmaceutical sciences.	<u><b>Direct Measure(s)</b></u> Course-embedded assessment Questions during oral presentations	<u><b>Indirect Measure(s)</b></u> N/A
<b>Outcome 2: [Communication Skills]</b> Students of this program will demonstrate ability to communicate verbally and in writing with members of the scientific community.	<u><b>Direct Measure(s)</b></u> Grading with criteria or rubric	<u><b>Indirect Measure(s)</b></u> N/A
<b>Outcome 3: [Content/Discipline Knowledge and Skills]</b> Students of this program will demonstrate a thorough grasp of fundamental knowledge and understanding of pharmaceutical concepts.	<u><b>Direct Measure(s)</b></u> Lab reports and examinations Course-embedded assessment	<u><b>Indirect Measure(s)</b></u> N/A
<b>Outcome 4: [Content/Discipline Knowledge and Skills]</b> All students of this program will embrace scientific ethics as exemplified by faculty and as outlined in the National Institutes of Health Guidelines for Conduct of Research.	<u><b>Direct Measure(s)</b></u> Certified in Research Ethics by the National Institutes of Health Lab Safety Certification	<u><b>Indirect Measure(s)</b></u> N/A
<b>Outcome 5: [Content/Discipline Knowledge and Skills]</b> Students will have the ability to carry out basic pharmaceutical sciences research techniques.	<u><b>Direct Measure(s)</b></u> Course-embedded assessment	<u><b>Indirect Measure(s)</b></u> N/A