

<b>Learning Outcomes in Domains of Learning</b>	
<b>NQF Learning Domains and Learning Outcomes</b>	
At the end of the program students should be able to:	
<b>1.0</b>	<b>Knowledge</b>
1.1	Recognize the basic principles of chemistry, biochemistry, physical science, biology , mathematics, statistics and pharmacology needed for the application of these sciences to drug therapy and human health.
1.2	Describe disease process and its diagnosis, principles of therapeutics, quality improvement, communication, economics, health behavior, social and administrative sciences, health policy and legal issues in the practice of pharmacy.
<b>2.0</b>	<b>Cognitive Skills</b>
2.1	Apply the knowledge from the foundational sciences (i.e. Pharmaceutical, social/behavioral/administrative, and clinical sciences) to evaluate the scientific literature, explain drug action, solve therapeutic problems, and advance population health and patient-centered care.
2.2	Develop, implement and evaluate solutions that solve real-world problems.
2.3	Appraise scientific literature and apply the principles of research in their pursuit of professional discovery.
2.4	Effectively apply principles of marketing and human resources to manage medication use systems.
<b>3.0</b>	<b>Interpersonal Skills and Responsibility</b>
3.1	Design, implement and assess initiatives to improve health and wellness.
3.2	Exhibit professional ethics, attitudes and behaviours by demonstrating patient advocacy, altruism, accountability, compassion, integrity and respect for others. Student pharmacists will show leadership by initiating and advocating change to develop new opportunities in response to problems they identify.
3.3	Recognize social determinants of health and respect patients' cultural and social perspectives to produce safe and appropriate medication use throughout society
3.4	Show evidence of being self-aware and life-long learners, through reflection on their knowledge, experiences, values and attitudes. Student pharmacists will maintain and enhance personal and professional growth.
3.5	Illustrate engagement as a healthcare team member by demonstrating mutual respect, understanding, and values to meet patient care needs.
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<b>4.0</b>	<b>Communication, Information Technology, Numerical</b>
4.1	Effectively communicate, verbally and nonverbally, when interacting with an individual, group, or organization.
4.2	Demonstrate appropriate and effective team behaviors in achieving shared goals in a variety of situations such as interprofessional teams and other pharmacy-related work environments.
4.3	Utilize information management systems to access information and provide care. Students will also contribute to system development and ongoing improvement.
4.4	Accurately perform pharmaceutical