

## Bachelor of Science in Health Sciences

### Program (Student) Learning Outcomes: What Will I Learn?

1. Identifies and evaluates evidence to guide decision making.
2. Uses a systematic approach and higher order thinking in responding to health issues and societal needs.
3. Integrates knowledge of culture and an appreciation for diversity in assessment of needs and delivery of health services.
4. Identifies opportunities and challenges in the use of current and evolving information technologies for planning, implementing and evaluating health services.
5. Uses effective professional communication skills to engage with various stakeholders.
6. Analyzes legal, ethical and policy issues within health delivery systems.

### Assessment Methodology

#### Metrics, Assessments, and Levels of Achievement

The table below provides a brief overview of the measures selected to assess program outcomes for the program. Assessment of program outcomes includes both direct and indirect measures. Benchmarks have been established to differentiate between three levels of program outcome achievement (highly achieved, meets standard, and needs improvement). These three levels of achievement are color coded and used in the section below to indicate the level of achievement for each measure, for each learning outcome.

Metric Type	Direct Measures		Indirect Measures	
	Capstone Course	Course-Embedded	Exit Survey	*One-Year Postgraduate Survey
Assessments				
Metrics	The percentage of students who receive a grade of B or better on the Capstone Rubric for its designated program outcome.	The percentage of the students who receive a grade of B or better on selected course embedded assessments.	The mean of the graduates' perceptions of their achievement of the related program outcomes (on a 6-pt Likert-type scale).	The mean of the graduates' perceptions of their achievement of the related program outcomes (on a 6-pt Likert-type scale).
Highly Achieved	≥ 85%		Mean ≥ 5%	
Meets Standard	70 - 84%		4.0 - 4.99	
Needs Improvement	< 70%		Mean < 4	

*Note: The results of the one year post-graduation survey are used as a reference to provide a longitudinal perspective on students' attainment of program (student) outcomes.*

**Program Outcome Achievement Results**

Summer I (May) 2020 Term to Fall II (October) 2021Term

Program Outcome		Direct Measures			Indirect Measures	
		Core Course Assessments				
1	Identifies and evaluates evidence to guide decision making.	HSC464 Capstone M2A1 Evaluate the Evidence	HSC464 Capstone M4A1 Fill in the Missing Pieces	HSC310: Writing in HS M12A1: Social Media Research Paper	Exit Survey	One-Year Survey
		58%	84%	89%	5.89	*
		n = 127	n = 136	n = 142	n = 9	
2	Uses a systematic approach and higher order thinking in responding to health issues and societal needs.	HSC464 Capstone M10A1: Persuasive Presentation			Exit Survey	One-Year Survey
		81%			5.78	*
		n = 130			n = 9	
3	Integrates knowledge of culture and an appreciation for diversity in assessment of needs and delivery of health services.	HSC464 Capstone M6A1: Stakeholder Analysis	HSC320 Health Care Issues Culturally Diverse Pop. M5A1 Analysis Rel/Spir Group	HSC320 Health Care Issues Culturally Diverse Pop. M7A1 Final Paper	Exit Survey	One-Year Survey
		83%	91%	91%	5.78	*
		n = 135	n = 136	n = 131	n = 9	
4	Identifies opportunities and challenges in the use of current and evolving information technologies for planning, implementing and evaluating health services.	HSC464 Capstone M12A1: Issue Paper	HSC445 Introduction to Health Care Informatics. E-technology paper		Exit Survey	One-Year Survey
		78%	81%		5.56	*
		n = 130	n = 91		n = 9	
5	Uses effective professional communication skills to engage with various stakeholders.	HSC464 Capstone M8A1: Ethical and Legal Considerations	HSC464 Capstone M12A1: Issue Paper	HSC310: M12A1: Social Media Research Paper	Exit Survey	One-Year Survey
		86%	97%	90%	5.78	*
		n = 135	n = 130	n = 142	n = 9	
6	Analyzes legal, ethical, and policy issues within health delivery systems.	M8A1: Ethical and Legal Considerations— Letter to Editor			Exit Survey	One-Year Survey
		78%			5.88	*
		n = 135			n = 9	
7	Implements specialized knowledge and skills in the management and delivery of health services.	HSC464 Capstone M10A1: Persuasive Presentation	HSC464 Capstone M12A1: Issue Paper		Exit Survey	One-Year Survey
		83%	82%		5.78	*
		n = 130	n = 130		n = 9	

\*Insufficient n