Program-Level Assessment Plan

Program: Health Outcomes Research   Degree Level (e.g., UG or GR certificate, UG major, master's program, doctoral program): Doctoral (PhD)

Department: Health and Clinical Outcomes

Research (HCOR)

| 4 | Effectively communicate study results related to clinical aspects of health outcomes. | ORES 5430: Health Outcomes Measurement (Introduced and Developed) ORES 5320: Scientific Writing and Communication (Introduced and Developed) ORES 5150: Multivariate Data Analysis (Reinforced) HDS 5320: Inferential Modeling (Reinforced) PhD Written Examination (Reinforced and Achieved) PhD Oral Examination (Reinforced and Achieved) PhD Dissertation (Achieved) |

Results of the assessment done after informed changes have been made will be compared to the assessment of the same outcomes prior to the changes. If no or minimal improvement in performance is detected additional changes to the curriculum will be made.

Additional Questions

1. On what schedule/cycle will program faculty assess each of the program's student learning outcomes? (Please note: It is <u>not recommended</u> to try to assess every outcome every year.)

   We will assess program learning outcomes 1, 2, and 3 in one year, and then outcomes 4 and 5 the following year.

2. Describe how, and the extent to which, program faculty contributed to the development of this plan.

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Program Assessment Rubric: PhD in Health Outcomes Research

#	Program Learning Outcomes	High Mastery (3)	Average Mastery (2)	Low Mastery (1)
	aspects of health outcomes.	• Uses sufficient and appropriate primary resources to describe/explain theoretical assumptions that contextualize the research question • Uses sufficient and appropriate primary resources to develop background or context for research question • Culminates with a clearly stated purpose/ research question • Theoretical background and contextual information flow seamlessly into a well stated research question that has potential to add to the professional knowledge base and is of publishable quality.		

3 Apply appropriate data management strategies related to clinical aspects of health outcomes.

- Utilize appropriate statistical methods to analyze data in the chosen content area
- Clearly describes the types of variables used
- Clearly describes the outcomes of the data analysis
- Display the data analysis visually using a graph, table, etc.
- Factors that may have contributed to Ⅱ f Ⓞ c -Ⓞ w .5(e)Ⅱ20d( )Ⅱ3)1(ti)-1(c)-2(a)-1(l)-1(m)4(e) (t5(e)Ⅱ4Tjm3 guh

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4	Effectively communicate study results related to clinical aspects of health outcomes.	• Results are aligned with question and theory • Sees complex patterns in the data • Iteratively explores questions raised by analyses • Results are usable, meaningful, and unambiguous • Presents data clearly and cleverly • Makes proper inferences • Provides plausible interpretations • Refutes or disproves prior theories or finding	• Links results to question and theory • Substantiates the results • Provides plausible arguments and explanations	• Results are correct but not robust • Includes extraneous information and material • Has difficulty making sense of data • Interpretation is too simplistic • Data are wrong, insufficient, fudged, fabricated, or falsified • Data or evidence do not support the theory or argument • Interpretation is too simplistic, and not objective, cogent, or inferences • Overstates the results
5	Demonstrate a thorough and ethical approach to conducting academic research.	• Utilize appropriate ethical approach to conducting research • Clearly follows instructions set by Saint Louis University Institutional Review Board • Clearly describes study procedures for IRB proposal submission	• Most ethical policies and procedures demonstrated through research studies	• Does not demonstrate a thorough ethical approach to research studies