

Program-Level Assessment: Annual Report

Program Name (no acronyms): Information Systems Department:
Degree or Certificate Level: Master of Science College/School: School of Professional Studies
Date (Month/Year): August 2022 Primary Assessment Contact: Maria Weber
In what year was the data upon which this report is based collected? 2022
In what year was the program's assessment plan most recently reviewed/updated? 2022

1. Student Learning Outcomes

Which of the program's student learning outcomes were assessed in this annual assessment cycle? (Please list the actual learning outcome statements and not just numbers, e.g., Outcomes 1 and 2.)

Graduates will be able to apply program-specific knowledge to address practical problems using an ethical, evidence-based framework. (SLO 1)

Graduates will be able to utilize argumentation skills appropriate for a given problem or context. (SLO 2)

2. Assessment Methods: Artifacts of Student Learning

Which artifacts of student learning were used to determine if students achieved the outcome(s)? Please identify the course(s) in which these artifacts were collected. Clarify if any such courses were offered a) online, b) at the Madrid campus, or c) at any other off-campus location.

SLO 1/2

IS5300 — Ethical and Societal Implications of Technology - Final Term Project

IS5400 – Managing a Secure Enterprise - Final Term Project

**All courses were taught 100% online

3. Assessment Methods: Evaluation Process

What process was used to evaluate the artifacts of student learning, and by whom? Please identify the tools(s) (e.g., a rubric) used in the process and include them in/with this report.

Instructors have uploaded artifacts with the appropriate rubric via canvas. The format of the class was 8-week module, each module contained a discussion, quiz, assignment. On IS5400, there were also weekly hands-on activities. In each course, there was a final project or final research project. The final project applied all the concepts to learn through the course.

4. Data/Results

What were the results of the assessment of the learning outcome(s)? Please be specific. Does achievement differ by teaching modality (e.g., online vs. face-to-face) or on-ground location (e.g., STL campus, Madrid campus, other off-campus site)?

IS5300 – 32 Students - Courses was taught online in an asynchronous mode. There was no difference in teaching modality to note.

IS5400 – 3 Students - Course was taught online in an asynchronous mode. There was no difference in teaching modality to note.

SLO 1 & SLO 2

In both courses, instructors designed artifacts to analyze real-world scenarios and case studies that mimic real business problems. Students researched solutions, designed plans, and implemented secured ethical solutions to draw their recommendations for strategic vision and direction.

IS5300 had 32 students, students feedback noted that there are two ethics courses in the program. This needs to be evaluated. It is the first time these courses are being offered.

5. Findings: Interpretations & Conclusions

What have you learned from these results? What does the data tell you?

Students successfully achieved SLO 1 & 2. A review of the curriculum to address the feedback from students regarding ethics.

6. Closing the Loop: Dissemination and Use of Current Assessment Findings

A. When and how did your program faculty share and discuss these results and findings from this cycle of assessment?

The Program Director has discussed with faculty the learning outcomes of each course, Canvas course design, content before starting classes. Also, program director has been added to the courses to supervise if needed the development of the course. At the end of the course, the results of the course evaluation are received by faculty. Also, the director of the program is in communication with Faculty and students getting constant feedback of the courses.

B. How specifically have you decided to use these findings to improve teaching and learning in your program? For example, perhaps you've initiated one or more of the following:

Changes to the Curriculum or Pedagogies

- Course content
- Teaching techniques
- Improvements in technology
- Prerequisites
- Course sequence
- New courses
- Deletion of courses
- Changes in frequency or scheduling of course offerings

Changes to the Assessment Plan

- Student learning outcomes
- Artifacts of student learning
- Evaluation process
- Evaluation tools (e.g., rubrics)
- Data collection methods
- Frequency of data collection

Please describe the actions you are taking as a result of these findings.

The Master of Information Systems is in its beginnings. It has grown to 45 students currently enrolled. We have gotten good feedback from students about both courses. IS 5400 had just 3 students. However, we would like to get a higher number of students to go through the courses before implementing any changes. IS5300 had 32 students, students feedback noted that there are two ethics courses in the program. This needs to be evaluated. It is the first time these courses are being offered.

If no changes are being made, please explain why.

7. Closing the Loop: Review of Previous Assessment Findings and Changes

A. What is at least one change your program has implemented in recent years as a result of assessment data?

No changes. The program is new. It started in Fall 2020, and it has 45 students.

B. How has this change/have these changes been assessed?

N/A

C. What were the findings of the assessment?

SLO 1 and 2 were successful achieved.

D. How do you plan to (continue to) use this information moving forward?

We will continue with the curriculum as designed.

IMPORTANT: Please submit any assessment tools (e.g., rubrics) with this report.