

# Psychology BS

## Generate, Apply And Communicate Scientific Findings

### Goal Description:

The Bachelor of Science program in Psychology will provide students with opportunities to apply and communicate the scientific findings of their discipline.

Attached Files

 [PSYC 3401-03 Syllabus - S19.pdf](#)

**Providing Department:** Psychology BS

### RELATED ITEMS/ELEMENTS

#### RELATED ITEM LEVEL 1

### Generate, Design, Apply And Communicate Scientific Knowledge

#### Learning Objective Description:

Students who complete the Bachelor of Science Program in Psychology will be able to generate, design and apply the results of scientific investigations and communicate their implications.

#### RELATED ITEM LEVEL 2

### PSYC 3401 (Statistics Lab) Assignments

#### Indicator Description:

The ability of students to conduct and understand research as well as apply and communicate results is assessed by means of a series of faculty-developed assignments for Psychology 3401 (Statistics Lab). The instruments requires students to: 1) choose research designs, compute statistics, and interpret outcomes. (Objectives 1 and 2); and interpreting results of scientific data, making decisions using the results based upon statistical probabilities, and making recommendations for follow-up work, either in the scientific or social environment. (Objectives 3 and 4). We're basically asking what do these data mean and why are they important?

Copies of the Assignments are attached.

Attached Files

 [PSYC 3402--Spring 2023.pdf](#)

#### Criterion Description:

Criterion for Objectives 1 and 2, 80% of psychology majors will receive a score that is deemed "acceptable" score (70% or higher) according to faculty-developed departmental rubric.

#### Findings Description:

For the Fall 2022 semester, 76% of students (i.e., 161/212) in our face-to-face PSYC 3401 class met the standard of scoring above 70 for objective 1 & 2. This same semester, 77% of students (i.e., 117/152) met the standard of scoring above 70 for objectives 3 & 4.

For the Spring 2023 semester, 82% of students (i.e., 273/334) in our face-to-face PSYC 3401 class met the standard of scoring above 70 for objective 1 & 2. This same semester, 80% of students (i.e., 157/196) met the standard of scoring above 70 for objectives 3 & 4.

#### RELATED ITEM LEVEL 3

### PSYC 3401 (Statistics Lab) Assignments

#### Action Description:

Will continue to monitor performance in PSYC 3402 assignments. Students seemed to have greater difficulty in Fall semester compared to Spring. There has been much discussion related learning loss related to the COVID-19 pandemic; specifically the forced switch to distance learning then the return to more typical formats.

## **Update to Previous Cycle's Plan for Continuous Improvement Item**

### **Previous Cycle's Plan For Continuous Improvement (Do Not Modify):**

#### **Closing Summary**

1. The Department will review and revise the curriculum for the B.S. degree in Psychology with the goal of ensuring students graduate with the requisite knowledge in psychology.
2. The Department will develop a new common final examination for PSYC 1301 to assess learning outcomes.

#### **Update of Progress to the Previous Cycle's PCI:**

1. Due to uncertainties in enrollment and course utilization (e.g., online vs. in person), the Department has not made significant changes to the degree plan. This will be forwarded to the AY 2023-2024 plan.
2. An *ad hoc* committee was convened and revised the common final for PSYC 1301. The exam was used for the first time in Fall 2023. This task is considered complete.

## **New Plan for Continuous Improvement Item**

#### **Closing Summary:**

1. We plan to create a committee among the PSYC faculty to revise the B.S. degree plan to reflect contemporary guidelines for the undergraduate studies in psychology, particularly with respect to discipline-specific foundational knowledge (e.g., research and quantitative methods, core content areas, such as cognitive, developmental, social psychology, applied psychology).