



ACADEMIC LEARNING COMPACTS

COLLEGE OF SCIENCES DATA SCIENCE - B.S.

Discipline Specific Knowledge, Skills, Behavior and Values

1. Students will be able to demonstrate academic and technical skills, appropriate for entry-level employment and/or entry into graduate school.

Critical Thinking

1. Students will actively participate in open-ended data science projects for which they deliver at least one original report and draw conclusions justified using sound statistical principles.

Communication

1. Students will demonstrate the ability to effectively communicate the results of data analysis projects at a level that is appropriate for both non-experts and experts. This includes demonstrating strong public speaking and personal skills, along with effective use of visual aids (such as slides and data visualizations).

Assessment of Data Science - B.S. Outcomes

These outcomes will be assessed using a variety of assessment methods, including:

- Tests/exams
- Projects
- Presentations