

# General Education Courses

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## Laboratory Component Courses (one course)

### Overview

A Laboratory Component course must include at least 25% evaluation and assessment of student performance directly from activities and experiences that fulfill the Laboratory Component educational goals. A Laboratory Component course may be a course in the student's major field of study or may be a General Education menu course. Students should consult with their academic adviser or department chair to determine whether any required courses for their major fulfill this component.

### Educational Goals:

- Use discipline-specific methodologies and practices to systematically investigate the world;
- Organize data into trends and patterns using quantitative and/or qualitative methods (spatial, graphical, symbolic, etc.) to sort, analyze and interpret natural phenomena;
- Effectively communicate results of a set of applied experiments or observations; and
- Assess differences between theory and experimental results during evaluation of experimental design.