Understanding Students' Quantitative Literacy

Evidence from AY 2025-2026

LEARNING OUTCOME | Students will use quantitative information to draw inferences and communicate informed arguments.

205 Artifacts from Seniors
3000- & 4000-Level Courses

7
Colleges

11 Faculty
Scorers

DIRECT EVIDENCE | CPP Goal Met "Advanced (4)" and "Proficient (3)"

72% GOAL MET — Information Contextualization/Preparation

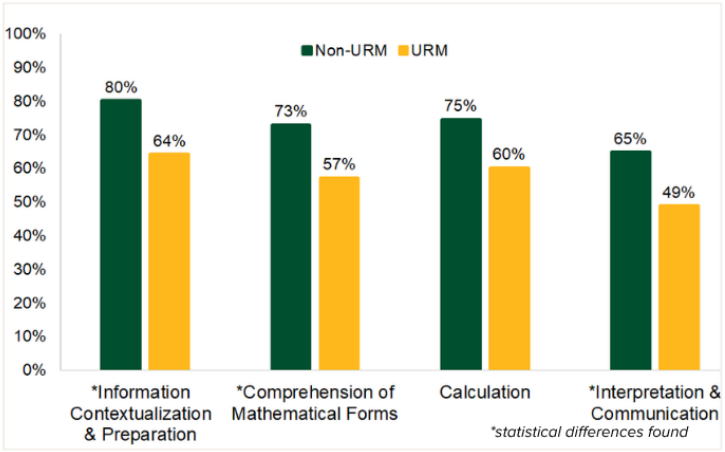
67% GOAL MET — Calculation

65% GOAL MET — Comprehension of Mathematical Forms

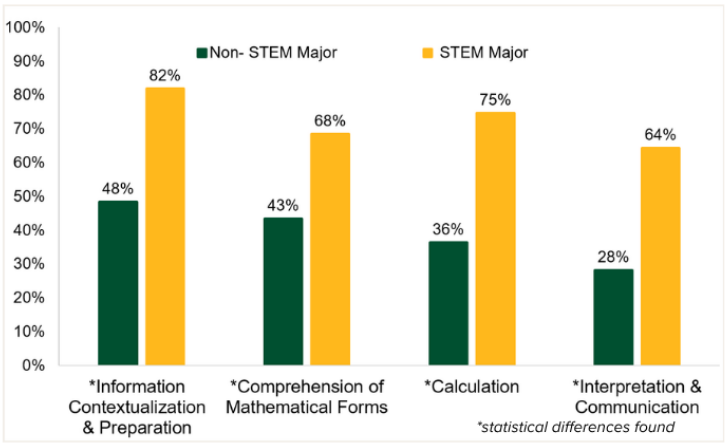
56% GOAL MET — Interpretation & Communication

STATISTICALLY SIGNIFICANT DIFFERENCES

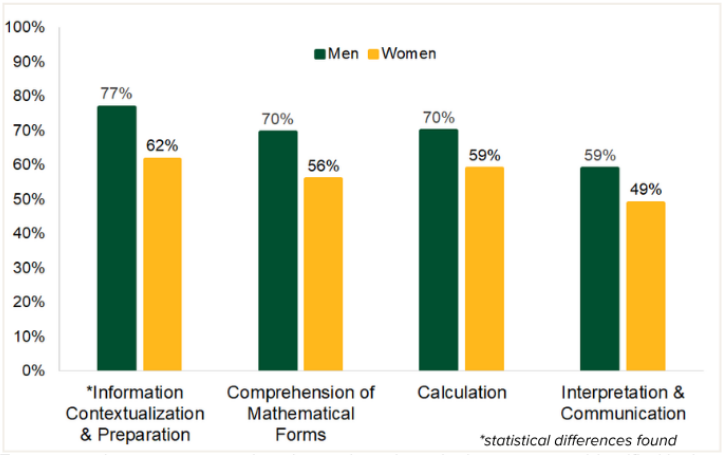
URM



STEM MAJOR



GENDER



To protect privacy, we removed students who selected other or were unidentified in the gender category (n<5).

INDIRECT EVIDENCE | WHAT SENIORS SAY

CPP's Graduating Senior Survey

80% Credited CPP for preparing them to use numerical information *quite a bit* or *very much.*

National Survey of StudentEngagement (NSSE)

73% Gained experience analyzing numerical and statistical information.

59% Reached conclusions based on their own analysis or numerical information.

48% Used numerical information to examine world problems and evaluate conclusions.

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