

## Proposed Changes to College Quantitative Reasoning Requirement

### Current Language:

The Bachelor of Arts degree requires:

**Quantitative Reasoning.** 3 credits. This course must be either approved for Goal 1, Learning outcome 2 of the KU Core or another course approved by CUSA. Additionally, this course must be offered by a department/program within the College of Liberal Arts and Science. This requirement is in addition to the KU Core Goal 1, Learning Outcome 2 for quantitative literacy required by the KU Core.

### Proposed Language:

The Bachelor of Arts degree requires:

**Quantitative Reasoning.** 3 credits. This course must be approved by CUSA and be offered by a department/program within the College of Liberal Arts and Sciences. The course should enable students to define a problem, analyze numerical or symbolic information, apply mathematical or logical principles, and integrate quantitative or formal methods into problem solving. A course that is approved to count for both the BA Quantitative Reasoning requirement and KU Core Goal 1.2 cannot be used to satisfy both requirements.

### Justification:

This proposed change would maintain CLAS oversight of which courses meet the new BA quantitative reasoning requirement. The expectation is that CLAS courses approved by UCCC for Goal 1.2 normally would also be approved by CUSA for the quantitative reasoning requirement, but would need to be proposed separately through the BA Quantitative Reasoning approval process in Curriculum Information Management (CIM) System. Courses may be approved for the quantitative reasoning requirement by CUSA, even if they have not been approved for Goal 1.2 by UCCC.

The following courses shall count for all students as a means to fulfill the BA Quantitative Reasoning requirement.

ASTR 391 Physical Astronomy, Honors  
CHEM 130 General Chemistry I  
CHEM 170 Chemistry for Chem Sciences I  
CHEM 190 Foundations of Chemistry I Hnr  
COMS 356 IntrBhvrl Rsrch Mthds in Comm  
LA&S 108 Personal Numeracy (through Spring 2019)  
MATH 101 College Algebra  
MATH 104 Precalculus  
MATH 105 Introduction to Topics in Math  
MATH 115 Calculus I  
MATH 121 Calculus I  
MATH 125 Calculus I  
MATH 141 Calculus I: Honors  
MATH 145 Calculus I, Honors  
MATH 365 Elementary Statistics  
PHSX 114 College Physics I  
PHSX 211 General Physics I  
PHSX 213 General Physics I Honors  
POLS 306 Political Sci Methd of Inquiry