

**UNIVERSITY OF ARKANSAS AT LITTLE ROCK**

TRANSMITTAL OF FACULTY SENATE LEGISLATION

Faculty Senate legislation is to be submitted to the chancellor to approve or disapprove within ten calendar days after the Assembly review period. The chancellor may approve or disapprove any Faculty Senate legislation within a period from the eleventh through the twenty-fifth calendar day after the Faculty Senate action has been presented to the Assembly, unless the Assembly has been petitioned to amend or rescind the Faculty Senate legislation. In the latter case, the chancellor's approval or disapproval shall be made no later than fifteen calendar days after the Assembly has voted on and failed to approve a motion to amend or rescind a legislative action of the Faculty Senate. The chancellor shall provide written reasons for disapproval to the Faculty Senate.

**To the Chancellor of the University of Arkansas at Little Rock:**

The following legislation passed the UALR Faculty Senate on April 26, 2019.

FS\_2019\_18 Revise General Education Curriculum (FS\_2012-2013\_10 as amended by FS\_2013\_7) related to the Math Curricular Area.

**Be it resolved** to modify the General Education Curriculum (FS\_2012-2013\_10 as amended by FS\_2013\_7) to remove the Educational Goal: Values 3 – Global and Cultural Knowledge from the Mathematics Curricular Area as follows (underline indicates addition, strikethrough indicates deletion);

**Criteria for Mathematics Curricular Area**

**Courses to meet the Area of Mathematics:** Courses in this area focus on teaching students the concepts and methodologies, findings, and applications of mathematics while developing their inquiry and analysis skills. All courses in this area also address quantitative reasoning, critical thinking, problem solving, and a commitment to ethical behavior.

EDUCATIONAL GOALS	LEARNING OUTCOMES
Skills 1: Communication	<ul style="list-style-type: none"> <li>- understand and use basic mathematical formulas and terminology</li> <li>- explain orally and in writing the mathematical “reasonableness” of a statement that is presented as being implied by data</li> <li>- communicate about mathematics precisely orally and in writing</li> </ul>
Skills 2: Critical Thinking,	- interpret , analyze, and identify appropriate applied

<p>Quantitative Reasoning, and Solving Problems Individually and Collaboratively</p>	<p>mathematical models, data and graphs - develop abstract and quantitative reasoning ability</p>
<p>Skills 3 - Information Technology</p>	<p>- makes appropriate decisions regarding the use of technology when solving problems, recognizing both the insight to be gained and the limitation  - use information resources like the Internet reflectively for inquiry, exploration, and communication</p>
<p>Knowledge 1 - Concepts, Methodologies, Findings, and Applications of Mathematics and the Social and Natural Sciences, Engineering, and Technology</p>	<p>- understand mathematical relationships among quantities  - understand fundamental mathematic/algebraic operations</p>
<p>Values 1 - Ethical Behavior and Personal Responsibility</p>	<p>- take responsibility for completing assignments in an ethical manner, working on their own when required and acknowledging resources when used  - understanding the duty to be precise and accurate with data</p>
<p>Values 3 – Global and Cultural Knowledge</p>	<p>-analyze “real world” implications and develop mathematical models that aid in the understanding of current global issues</p>

**Be it further resolved** that upon approval the changes to the Criteria for Mathematics Curricular Area will be effective July 2019.

Faculty Senate Legislation Reference Number FS\_2019\_18

Disseminated to University Assembly May 2, 2019 (date)

Faculty Senate President's Signature *Amanda Nolen* Date May 2, 2019  
Amanda Nolen

Received in chancellor's office on JUN 05 2019 (date)

Chancellor's Action:

APPROVED Chancellor's Signature *A Rogerson* Date 6/12/19  
Andrew Rogerson

DISAPPROVED Chancellor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
(reasons to be attached) Andrew Rogerson