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* of the Faculty Senate action. The chancellor may approve or veto any Faculty Senate legislation within a period from the *eleventh through the twenty-fifth calendar day* after such action has been presented, unless the Assembly has been petitioned to amend or rescind the Faculty Senate legislation. In the latter case, the chancellor's approval or veto 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 a veto to the Faculty Senate.)

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

The following resolution/legislation passed the UALR Faculty Senate on December 13, *2013.*

Motion. FS_2013_16. Council on Core Curriculum and Policies. (Legislation. Majority Vote at One Meeting) To adopt the Science Criteria in Attachment 2. (no second required)

Attachment 2. **Science Criteria**
Courses in this area focus on teaching students the concepts and methodologies, findings and applications of science while developing their inquiry and analysis skills. All courses in this area use the scientific method, apply quantitative reasoning, critical thinking, problem-solving, information technology, and a commitment to ethical behavior. All courses must include a lecture and laboratory.

Curriculum Area	Educational Goals	Learning Outcomes Students will:
Science	Knowledge 1 – Concepts, Methodologies, Findings, and Applications of Natural Sciences, Engineering and Technology	1. understand the theoretical perspective used in one or more science discipline; 2. understand observational and experimental methods used in one or more of the sciences; 3. understand applications and limitations of the sciences;
	Skills 1 – Communication	1. develop an understanding of how to communicate scientific procedures, results from the inquiry and conclusions resulting from applying the scientific method;
	Skills 2 – Critical Thinking, Quantitative Reasoning, and Solving Problems Individually and Collaboratively	1. develop basic skills from the scientific method including inquiry, data collection, analysis, and interpretation in order to explore a scientific problem from hypothesis testing to formulating a conclusion based on the inquiry; 2. learn about the world through observation and experimentation, through modeling and interpretation, and through analysis and evaluation;
	Skills 3 – Information Technology	1. develop and apply technological tools for inquiry, analysis, and presentation of scientific information and data;
	Values 1 – Ethical Behavior and Personal Responsibility	1. take responsibility for completing assignments in an ethical manner, working on one's own when required and acknowledging resources when used; 2. develop an understanding of the ethical obligation in conducting research and to be precise and accurate with data, and understand how this obligation applies to communication of information;
	Values 2-Civic Responsibility	1. develop an understanding of the ethical issues that may result when applying scientific knowledge that is incomplete.

Signature _____ (Faculty Senate President) Date December 20, 2013
Andrew Wright

Received in chancellor's office on 12/20/13 (date)

Chancellor's Action: APPROVED DISAPPROVED
(reasons to be attached)

Chancellor's Signature Date 1-2-14

Joel Anderson