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 Faculty Senate Chair
 Faculty Senate Secretary
 Registrar's Office (2)
 Personnel Office
 Date:4-18-07

Faculty Senate • http://www.uwrf.edu/faculty_senate/welcome.html

Senators: Chair – Wes Chapin, Vice Chair – Ogden Rogers, Secretary – John Heppen, Executive Committee – Brenda Boetel and Glenn Potts

TO: Don Betz, Chancellor
 116 North Hall
 University of Wisconsin-River Falls

FROM: Wes Chapin, Chair
 Faculty Senate
 University of Wisconsin-River Falls

RE: UW-RF Faculty Senate Motion 2006-2007/96

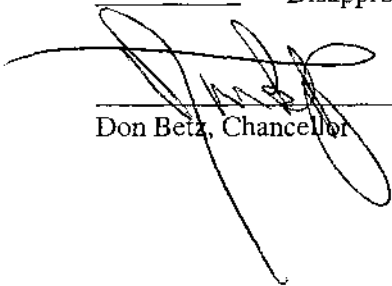
At the April 18, 2007 meeting of the University of Wisconsin-River Falls Faculty Senate, motion 2006-2007/96 was made, seconded, and passed. This motion is forwarded for your action:

A motion from the General Education Committee to change Goal Three of General Education (see attached)

Motion 2006-2007/96 passed on April 18, 2007. This motion will take effect immediately.

 X Approved

 Disapproved



 Don Betz, Chancellor

 5/3/07

 Date

GOAL THREE (3/23/2007 version)

Apply scientific principles to the natural world. Students will demonstrate knowledge of the principles and methods of quantitative and qualitative scientific reasoning.

Students will be able to:

- 1) apply mathematical skills in quantitative, qualitative, and analytical problem solving
- 2) demonstrate a knowledge of natural science,
- 3) observe, collect, analyze, and interpret data to solve problems using the scientific method.

To fulfill this goal, students are required to earn 9 credits, with 3 credits under the M designation, 3 credits under the SL designation, and 3 credits under either the S or SL designation. The courses taken under the S or SL designations must be from different disciplinary prefixes (e.g. BIOL, CHEM, GEOL).

Mathematics (M)

Criterion:

Courses designated M:

- emphasize mathematical skills in quantitative, qualitative, and analytical problem solving.

Outcome:

Students will be able to:

- a. demonstrate and apply mathematical skills to quantitative, qualitative, and analytical problem solving.

Sciences (S)

Criterion:

Courses designated S:

- emphasize a knowledge of the natural sciences.

Outcome:

Students will be able to:

- a. demonstrate a knowledge of theoretical principles and scientific methodology for explaining and predicting phenomena in the natural world.

Scientific Investigation (SL)

Criteria:

Courses designated SL:

- emphasize a knowledge of the natural sciences.
- must include the equivalent of at least one semester credit hour of laboratory experience aimed at interpreting scientific hypotheses.
- will evaluate the reliability and meaning of data and information.

Outcomes:

Students will be able to:

- a. demonstrate knowledge of theoretical principles and scientific methodology for explaining and predicting phenomena in the natural world.
- b. test hypotheses about the natural world.