



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

Chair: James Madsen; Vice Chair: Dawn Hukai; Secretary: Todd A. Savage; Executive Committee: Stephen Reed, Jennifer Willis-Rivera

To: Dean Van Galen, Chancellor
116 North Hall
University of Wisconsin-River Falls

From: James Madsen, Chair 
Faculty Senate
University of Wisconsin-River Falls

May 5, 2011

RE: UWRF Faculty Senate Motion 2010-2011/55

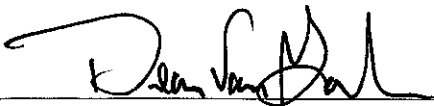
At the May 4, 2011 meeting of University of Wisconsin-River Falls Faculty Senate, motion 2010-2011/55 was passed and it is effective immediately. This motion is forwarded to you for your action.

Motion from the Academic Programs and Policy Committee (Jim Zimmerman, Chair) to approve the Termination of the Master of Science in Education - Science Emphasis Degree Program

Approved



Disapproved



Dean Van Galen, Chancellor

5/12/11
Date

TRANSMITTAL for GRADUATE PROGRAMS: Changes or Proposals

I. INFORMATION:

A. Check all that apply: Existing Program ☒

New Program ☐

Name Change ☐ Credits Change ☐ Substantial Change in Curriculum ☒
- elimination

B. Program Title: Master of Science in Education - Science (MSE-S) - termination

C. Department(s) (Originating): Physics

D. College(s) (Originating): CAS

E. Programs / Departments Consulted (Requires letters of support from all Departments or Programs substantially affected):

1) Biology

2) Chemistry

3) Plant and Earth Science

4) Physics

4) Teacher Education

F. Date of Implementation: Dec Semester 2013 Year

G. Have all courses in this program been approved? Yes ☐ No ☐ If "No", which ones?

H. Attach Request Narrative

II. UNIT APPROVALS: Requires signatures of all Department Chairs and Deans whose programs will be substantially affected by the changes or proposal. Signature lines for the affected Departments and Colleges (noted in "E" above), are on the back of this form. These signatures should be obtained prior to review by all other shared governance levels.

	Signature	Date
Department Curriculum Committee Chair (optional)	<u>Eileen Kernen</u>	<u>4/13/11</u>
Department/Program Chair	<u>James M. ...</u> <u>4/13/11</u> <u>Mark Beyland</u> <u>4/14/11</u> <u>Donovan A. Taylor</u> <u>4/14/11</u>	
College Curriculum Cmte. Chair	<u>[Signature]</u>	<u>4/14/11</u>
Dean of College	<u>[Signature]</u>	
Graduate Council Chair	<u>[Signature]</u>	
University Curriculum Cmte. Chair	<u>Barbara S. Nelson</u>	<u>4/27/11</u>
Academic Policy & Program Cmte. Chair	<u>[Signature]</u>	<u>4/29/11</u>
Faculty Senate Chair	<u>[Signature]</u>	<u>5/4/11</u>
Provost / Vice Chancellor	<u>[Signature]</u>	<u>5/11/11</u>
Chancellor	<u>[Signature]</u>	<u>5/12/11</u>

*NOTE: The master copy of this transmittal & accompanying documents must be filed in the Provost's office upon final approval. The Provost's office will notify all appropriate administrative offices [Registrar, Office of Graduate Studies, Dean(s), Department Chair(s)] of approvals & necessary actions to implement changes.

Termination of Master of Science in Education – Science Emphasis Degree Program

Rationale for Program Elimination

In 1986, The Wisconsin Department of Public Instruction (WDPI) surveyed Wisconsin school districts to determine their science needs. This survey indicated that the future supply of physics teachers in Wisconsin would come from teachers already teaching another science or mathematics and drafted into physics. This trend was confirmed on a national level in a 1988 survey by the American Institute of Physics (AIP). Based on this information, a statewide program was developed beginning in 1986 to provide these "draftees" the opportunity to achieve physics certification over three summers. Since 1988, the program has been supported through a combination of NSF, Eisenhower, corporate, district and individual participant funds. Over 170 draftee teachers from all parts of the state have been certified as a result of the program. In addition, we have had approximately 50 participants every summer since 1986 through 2006. Since 2000, when continuous records were kept, there have been a total of 261 individual secondary science teachers who have taken at least one summer course through the UWRF Physics Department. Since 2003, Biology, Chemistry, and Geology joined the Master's programs. Physics built quickly and early due primarily to two causes: the extreme need for licensed physics teachers and the grants that provided tuition and lodging for participants. The other three departments did not seek grants and the need for other licensures in Wisconsin, while healthy, was not at the extreme levels physics was. We had been awarding an average of 6 MSE degrees per year. But numbers across all disciplines have dropped dramatically. Biology, Chemistry, and Earth Science had been running classes with one or two students. Physics numbers are a bit bigger with classes of about 10. There have been no new requests for information from possible participants and even the larger Physics numbers are returning participants who appreciated, enjoyed, and needed the credits. The granting agencies listed below stopped wanting to fund our program because they stated, even though the program was worthwhile and useful, it was not new.

The Physics Department has had funding for its summer program for 19 of the last 25 years. Eisenhower and later ESEA funds have been used in combination with funds from the corporate sector, school districts, UW-System, and NSF to support the licensure and advanced degree program. Dominant funds have been NSF (\$271,738) and Eisenhower/WITQ (\$553,876). The support levels have been:

1988	\$ 10,600	IKE
1989	\$ 18,078	IKE
1989-1992	\$271,738	NSF
1992	\$ 36,485	IKE
1993	\$ 39,771	IKE
1994	\$ 46,320	IKE
1995	\$ 50,535	IKE
1996	\$ 43,900	IKE
1997	\$ 43,900	IKE
1998	\$ 43,900	IKE



Department of Biology • (715) 425-3362/3591 Fax (715-425-0738

2/23/11

Eileen Korenic
Coordinator, MSE program

Dear Eileen,

I support termination of the MSE program in biology. We have very few students enrolled the MSE program and do not have the staff or resources to continue this program.

Regards,

Mark Bergland
Chair, Department of Biology

mark.s.bergland@uwrf.edu
715-425-3591 (office) or 715-529-8845 (cell)

University of Wisconsin-River Falls
410 S. Third Street • River Falls, WI 54022 • USA



Department of Chemistry • 715-425-7346 Fax 715-425-0652

Thursday, March 24, 2011

Dr. Eileen Korenic
MSE Program Coordinator

Dear Eileen,

I support terminating the MSE program in chemistry. The historically low enrollment in the MSE program does not justify the staff or resources necessary to continue this program.

Sincerely,

Dr. Jeff Rosenthal
Professor and Chair
Chemistry Department

Jeffrey.Rosenthal@uwrf.edu



Department of Plant and Earth Science • College of Agriculture, Food and Environmental Sciences
Recipient of the UW Regents Teaching Excellence Award
(715) 425-3345 • Fax (715) 425-3785 • pes@uwrf.edu

March 28, 2011

Eileen Korenic
Coordinator, MSE program

Dear Eileen,

The Plant and Earth Science Department supports termination of the MSE-Science program.

Thanks,

A handwritten signature in black ink, which appears to read "Donavon H. Taylor". The signature is written in a cursive, flowing style.

Donavon Taylor, Chair
Department of Plant and Earth Science



Physics Department • (715) 425-3235

The UW System Center of Excellence in Undergraduate Physics and Chemistry

March 28, 2011

To: Eileen Korenic

From: Jim Madsen---Chair, Physics Department

Re: Termination of MSE program

Dear Professor Korenic:

The Physics Department supports the decision to terminate the MSE program.



Department of Teacher Education • (715) 425-3230 • Fax (715) 425-3242

April 12, 2011

Eileen Korenic
Coordinator, MSE Science

Dear Eileen,

We understand your decision to “wind down” the MSE in science because of low enrollment. But it seems that in an era where STEM areas in Teacher Education are in high demand, the UWRF campus should be able to create an MSE in Science that would meet the needs of science teachers within our geographic area.

While the faculty in TED support your desire to conclude the MSE Science in its current configuration, we would encourage the graduate office to “hold on to the possibility that a new and improved MSE-Science might be created to serve our constituency. Perhaps an online/hybrid model similar to the SIC would be more appealing to current science teachers in Western Wisconsin.

We appreciate the hard work the science faculty have contributed to the MSE-Science in previous years.

Sincerely,

Teri Crotty
TED Chair

Cc: Michael Miller



Office of the Associate Vice Chancellor for Academic Affairs and Graduate Studies • 118 North Hall • (715) 425-0629 • Fax (715) 425-3304

April 25, 2011

TO: Eileen Korenic Dale Gallenberg
James Madsen Donavon Taylor
Jeffrey Rosenthal Katrina Larsen
Mark Bergland Linda Jacobson
Brad Caskey Teri Crotty

Cc: Fernando Delgado

FROM: Michael Miller *MM*
AVCAA and Graduate Studies

The Office of Graduate Studies supports suspending enrollment to the MSE-Science Program as a point on the pathway towards eventual termination.