**FREQUENTLY ASKED QUESTIONS**

**MPRES’ Graduate Course through MSU Bozeman**

* **What is the name of the graduate course that I am required to take?**

The course name that you are required to take as an MPRES participant is STEM Framework for Science Education (MSSE 591).

* **How many credits do I earn for completing the course?**

This is a graduate level course worth two (2) credits.

* **What is the Course Description?**

The goal and purpose of this class is to provide teachers of science with a foundational understanding of the Framework for K-12 Science Education, the document that has driven the writing of the Next Generation Science Standards. The course emphasizes a constructivist philosophy from both the epistemological and psychological perspectives. The teacher is viewed as a responsible, reflective practitioner engaged in the process of science reform at the classroom and local level. The emphasis is on the three Dimensions of the Framework: 1) Scientific and Engineering Practices; 2) Crosscutting Concepts; and 3) Disciplinary Course Ideas.

* **How long does the course run?**

The course and related coursework runs from October, 2014 to May, 2015. The course is non-traditional in the sense that it runs longer than a typical semester. The workload is equivalent to that of a graduate-level course, but is spread out to accommodate busy teachers.

* **How much do I have to pay for the course?**

The course tuition and fees are fully covered by MPRES grant funds. In addition the course book, A Framework for K-12 Science Education: Crosscutting Concepts, and Core Ideas (National Research Council, National Academies Press, Washington, DC, 2012) is purchased by MPRES project funds. You will receive a copy of the book at the first workshop. The text is also available online at: <http://www.nextgenscience.org/framework-k%E2%80%9312-science-education>.

* **What are the meeting place and times:**

Course delivery will be face-to-face during grant sponsored workshops (see dates above), and the remaining delivery will be online using Desire2Learn (D2L), Montana State University's learning management system. Course participants can expect to spend 6 - 9 hours per week for the 13 weeks that the course is in session in order to successfully complete the course requirements. If you are unfamiliar with this field of study and/or method of delivery, you may require more time.

* **Who is the course instructor and how can I contact him?**

Dr. John Graves is the course instructor. His contact information is as follows:

Montana State University

Intercollege Programs for Science Education

PO Box 172805

401 Linfield Hall

Bozeman, MT 59717-2805

406.994.5030

graves@montana.edu

* **How do I register for the course?**

Once you are accepted into the MPRES program, your name will be sent to Dr. Peggy Taylor (peggy.taylor@montana.edu) of MSU Bozeman who will send you the registration information you need to get into the course.