Bemidji State University

BIOL 3337: Science Communication

A. COURSE DESCRIPTION

   Credits: 3
   Lecture Hours/Week: *.*
   Lab Hours/Week: *.*
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None

   Explores the foundations of scientific thinking and communication and develops practical skills in finding, understanding, and thinking critically about scientific results and consensus. [BSU Focus: Performance and Participation]

B. COURSE EFFECTIVE DATES: 08/21/2017 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

   1. Who Are We, What is Science, and Why and How is it Communicated?
   2. The Responsible Conduct of Research
   3. Statistics and Data Visualization

D. LEARNING OUTCOMES (General)

   1. find, organize, analyze, annotate, and cite a variety of primary and secondary sources.
   2. create written and oral communications with clearly defined goals and appropriately scaled information content and complexity.
   3. engage non-scientists in conversations about science by building trust and identifying areas of commonality and record video reflections on those conversations.
   4. use features of Microsoft Office and other software to increase productivity and efficiency, and improve document style, consistency, readability, and navigation.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

   None

F. LEARNER OUTCOMES ASSESSMENT

   As noted on course syllabus

G. SPECIAL INFORMATION

   None noted