

CURRICULUM ALIGNMENT – Food Irradiation: What’s the Scoop?

Manitoba

Grade	Course Name and Number	Topic	Specific Outcome
12	Interdisciplinary Topics in Science 40S	GLOA: Nature of Science and Technology	Specific Learning Outcome SLO A1: Identify and appreciate the manner in which history, circumstance and culture shape the science of a society and its creation or use of technologies.
12	Interdisciplinary Topics in Science 40S	GLOB: Science, Technology, Society, and the Environment	Specific Learning Outcome SLO B1: Identify and explore a current STSE issue.
12	Interdisciplinary Topics in Science 40S	GLOB: Science, Technology, Society, and the Environment	Specific Learning Outcome SLO B2: Recognize that decisions reflect values and consider their own values and those of others when making a decision.
12	Interdisciplinary Topics in Science 40S	GLOB: Science, Technology, Society, and the Environment	Specific Learning Outcome SLO B3: Evaluate implications of possible alternatives or positions related to an STSE issue.
12	Interdisciplinary Topics in Science 40S	GLOB: Science, Technology, Society, and the Environment	Specific Learning Outcome SLO B4: Recommend an alternative or identify a position and provide justification.
12	Interdisciplinary Topics in Science 40S	GLOB: Science, Technology, Society, and the Environment	Specific Learning Outcome SLO B5: Propose a course of action related to an STSE issue.
12	Interdisciplinary Topics in Science 40S	GLOB: Science, Technology, Society, and the Environment	Specific Learning Outcome SLO B6: Reflect on the process used by themselves or others to arrive at an STSE decision.
12	Interdisciplinary Topics in Science 40S	GLOC: Scientific and Technical Skills and Attitudes	Specific Learning Outcome SLO C11: Synthesize information obtained from a variety of sources.
12	Interdisciplinary Topics in Science 40S	GLOC: Scientific and Technical Skills and Attitudes	Specific Learning Outcome SLO C14: Communicate information in a variety of forms appropriate to the purpose, audience and context.

12	Interdisciplinary Topics in Science 40S	GLOC: Scientific and Technical Skills and Attitudes	Specific Learning Outcome SLO C15: Use bibliographic and electronic research tools to collect information on a selected topic.
12	Interdisciplinary Topics in Science 40S	GLOC: Scientific and Technical Skills and Attitudes	Specific Learning Outcome SLO C16: Compare diverse perspectives and interpretations in the media and other public information sources.
12	Interdisciplinary Topics in Science 40S	GLOC: Scientific and Technical Skills and Attitudes	Specific Learning Outcome SLO C18: Collaborate with others to achieve group goals and responsibilities.
12	Interdisciplinary Topics in Science 40S	GLOC: Scientific and Technical Skills and Attitudes	Specific Learning Outcome SLO C19: Elicit, clarify and respond to questions, ideas, and diverse points of view in discussions.
12	Interdisciplinary Topics in Science 40S	GLOC: Scientific and Technical Skills and Attitudes	Specific Learning Outcome SLO C21: Demonstrate confidence in their ability to carry out investigations and to address STSE-related issues.
12	Interdisciplinary Topics in Science 40S	GLOC: Scientific and Technical Skills and Attitudes	Specific Learning Outcome SLO C23: Demonstrate a continuing, more informed interest in science and science related careers and issues.
12	Interdisciplinary Topics in Science 40S	GLOC: Scientific and Technical Skills and Attitudes	Specific Learning Outcome SLO 24: Be sensitive and responsible in maintaining a balance between the needs of humans and a sustainable environment.
12	Interdisciplinary Topics in Science 40S	GLOD: Essential Science Concepts	Specific Learning Outcome SLO D1: Integrate knowledge, as necessary, from various science specialties in order to address an issue, engage in problem solving or conduct scientific inquiries.
12	Interdisciplinary Topics in Science 40S	GLOD: Essential Science Concepts	Specific Learning Outcome SLO D2: Integrate knowledge from various disciplines beyond the natural sciences, as necessary, in order to complement and represent the scientific worldview.