**Environmental Interactions in Agriculture**

**Course Outcome Summary**

**Course Information:**

**Organization:** Minnesota State
**Developers:** FBM Curriculum Review Team
**Course Number:** FBMT 2310
**Type of Instruction:** Individualized
**Total Credits:** 2.0
**Total Hours of Instruction:** 8.0

**Description:**

This course will examine a variety of environmental issues related to agriculture and suggested ways in which to address the issues.

**Course Outcomes:**

1. Develop a combined conservation plan
	1. Student will develop a combined conservation plan for their business
2. Plan for approved practices in air, water, and soil quality improvement
	1. Student will review and update their conservation plan to meet approved environmental practices
3. Evaluate conservation tillage techniques
	1. Student will compare and contrast 3 different conservation tillage methods
4. Identify environmental issues related to livestock confinement
	1. Student will list the current environmental issues that would affect livestock production operations
5. Analyze data for impact of fertilizers, animal waste, and pesticides on water
	1. Student will analyze data for impact of fertilizers, animal waste, and pesticides on water quality
6. Identify environmental issues related to air, water, and soil quality
	1. Student will list the current issues of air, water, and soil quality as it affects their operation