

# Montana University System

## PROGRAM REVIEW

**Institution:** The University of Montana Western

**Program Years:** 2007-14

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**List of the programs reviewed:**

Mathematics

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**Decision(s) concerning the future of the program(s), based on the program review criteria established at the campus:**

The department and its degree programs should be maintained.

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**Rationale or justification for the decision based on the program review process established at the campus. Include graduation numbers and student majors for each of the last seven (7) years for every program under review.**

Year	Majors	Graduates
2013-14	34	1
2012-13	30	2
2011-12	25	3
2010-11	30	7
2009-10	24	1
2008-9	14	1
2007-8	19	1

- While the number of graduates of the program per year averaged only 1.0 during 2007-2010, it increased to 3.3 during 2010-14. Similarly, the number of majors averaged 19.0 during 2007-10 but increased to 29.9 during 2010-14.
- Since most of the courses offered are used in the general education program and/or in other campus majors, there are few low enrolled courses.
- There is a single B.S. Major in mathematics with options available for students wishing to pursue a variety of career objectives in the STEM disciplines or pursue a liberal education by study in a wider range of areas.

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- Students who choose to pursue a career in secondary education can complete a double major in mathematics and secondary education in four years. Such graduates are in high demand by the secondary schools in Montana and the region as well as nationally.
- Mathematics contributes a significant number of courses to the General Education program and teaches required courses to meet the needs of a large number of degree programs, especially in STEM, teacher education, and business disciplines.
- Mathematics has a large developmental mathematics program serving over 50 percent of Montana Western students. It is an early adopter of EdReady and is moving to take full advantage of this resource.
- Faculty support the spring Undergraduate Research Symposium and routinely support professional, experiential research with their undergraduate students.
- Faculty participate fully in important university committees and in other forms of professional service.
- A high degree of experiential learning is incorporated in courses at all levels.