
WESTERN MICHIGAN UNIVERSITY

Faculty Specialist I in Teaching Mathematics
Department of Mathematics
College of Arts & Sciences

The Department of Mathematics at Western Michigan University invites applications for a tenure-track Faculty Specialist I, academic-year (8 month) position. This individual will be responsible for teaching and coordinating Math 1140, Using Data for Life Decisions, and will serve in other coordination, teaching and service capacities as determined by the chair. The successful candidate will demonstrate a commitment to integrating inclusivity and equity into their teaching, service, and instructor mentoring.

Major Responsibilities

A major component of this position is responsibility for Math 1140, Using Data for Life Decisions (a quantitative literacy course designed for non-STEM majors). This responsibility includes:

- Designing and implementing professional development for teaching assistants and part-time instructors
- Selecting and designing instructional materials
- Developing assessment instruments for students and the course
- Collecting and analyzing data to assess student learning and improve the course

Other coordination, teaching (up through first-year calculus) and service duties will vary based on department needs, and will be determined by the chair.

Qualifications

All applicants will have the following minimum qualifications:

- Masters degree in math or math education (or the equivalent).
- At least 3 years of recent (within the last 5 years) experience teaching mathematics at a 2- or 4-year college, including experience teaching mathematics course(s) for non-STEM majors.
- Experience working with multiple instructors on a common course.
- Experience with on-line learning-management systems, such as Brightspace or Blackboard (ELearning system).

The preferred applicant will also have:

- Organizational and leadership ability in leading multi-section mathematics courses. This includes providing course-specific professional development and mentoring for new instructors.
- Experience designing and evaluating curricula. This includes knowledge of how to use research and data to improve student outcomes.
- Evidence of successful and innovative mathematics teaching.
- Evidence of concern for equity in teaching.
- Experience with teaching a variety of mathematics courses offered in our department, particularly entry level courses up through the first year of calculus.
- Experience with using technology to support teaching and learning, including online instruction.

The University

Western Michigan University (WMU), located in Southwest Michigan, is a vibrant, nationally recognized student-centered research institution with an enrollment of nearly 18,000. WMU delivers high-quality undergraduate instruction, has a strong graduate division, and fosters significant research activities. The Carnegie Foundation for the Advancement of Teaching classifies WMU as a doctoral university and one of just 185 public universities in the nation conducting research at a high level.

The College

The College of Arts and Sciences represents the foundation of learning and the academic heart of WMU. As articulated in the College of Arts and Sciences strategic plan, we are committed to fostering a community of diverse, inclusive, equitable, and globally engaged scholars, learners, and leaders. We favor candidates who can contribute to the College's distinctive educational objectives, which promote interdisciplinary perspectives, intercultural understanding, and concern with social responsibility and the ethical implications of knowledge and action.

Department

The Department of Mathematics at Western Michigan University offers 4 undergraduate majors and minors, 3 masters and 2 doctoral programs. Our faculty have a well-funded and active research program addressing a wide range of research topics in mathematics and mathematics education. We also have a long-standing commitment to teaching and teacher education. Our 25 tenure-track faculty, including 3 faculty specialists, along with part-time instructors and teaching assistants, teach courses serving both our own majors and minors, as well as numerous other programs across the university.

Application Deadline

Review of applications will begin December 1, 2022, and will continue until the position is filled.

Required Application Documents

1. Curriculum Vita
2. Letter describing qualifications, accomplishments, and professional experiences related to the position
3. Brief Statement on your successes and challenges teaching to a diverse student population.
4. Names, titles, postal and e-mail addresses and telephone numbers of at least 3 references
5. At least 2 samples of teaching materials (e.g., assignments, prepared materials for class)

Submit application: <https://wmich.edu/hr/jobs>.

WMU is an Equal Opportunity/Affirmative Action Employer. Minorities, women, veterans, individuals with disabilities and all other qualified individuals are encouraged to apply.