MATHEMATICS - TRANSFER MAJOR

mhcc.edu/Mathematics (http://mhcc.edu/Mathematics/)

Faculty Adviser

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The math taught at Mt. Hood Community College focuses on using math in real life. This includes problem solving, technology use and understanding concepts. Many career choices require math. We welcome majors entering at all math levels. To learn more, please contact a math instructor.

Transfer Outcomes

The primary objective of MHCC's transfer programs is to fulfill general education requirements and prepare students for transferring to bachelor's degree programs. MHCC identifies the following core institutional outcomes as program outcomes for its transfer programs:

- Communication
- Cultural competence
- Quantitative reasoning and analysis
- Information literacy
- Critical thinking and problem solving
- Skills to promote personal wellness
- Civic and social responsibility

See an adviser to personalize this plan and/or to create a plan that starts with the math sequence before calculus. It is possible to start the calculus sequence as late as spring of the first year, take summer classes, and finish by spring of the following year. Students hoping to teach at any level are strongly encouraged to apply for work as a tutor in the Learning Success Center for hands-on experience.

Students interested in pursuing the Mathematics major can complete the following courses toward the Math and Science requirements and/or electives on the AS (https://catalog.mhcc.edu/degree-certificate-requirements/as/) (recommended), AAOT, ASOT-B, AGS or ASLA degrees. Students are highly encouraged to work with a university transfer adviser to ensure transferability of courses.

Code	Title	Credits
MTH251	Calculus I: Differential Calculus	5
MTH252	Calculus II: Integral Calculus	5
MTH253	Calculus III	4
MTH254	Calculus IV: Vector Calculus	5
MTH255	Calculus V: Multivariable/Vector Calculus Part 2	4
MTH256	Differential Equations	5
MTH261	Linear Algebra	4
STAT243Z	Elementary Statistics I ★	4
STAT244	Elementary Statistics II	4

Transfer Schools

- Oregon State University (http://www.math.oregonstate.edu/)
- Portland State University (http://www.pdx.edu/math/)
- University of Oregon (http://math.uoregon.edu/)
- Western Oregon University (http://www.wou.edu/math/)