The Graduate School

We are delighted that you are considering MSU for your graduate education. Graduate school is a place where you will gain expertise in your field and prepare to become the scientists, engineers, nurses, educators, agronomists, artists and architects of tomorrow. When you become an MSU graduate student, you become an essential part of the university by conducting cutting edge research, assisting in instructional teaching, and making significant contributions to your field of study.

Vision: The Graduate School strives to foster an environment that produces outstanding graduate scholars who contribute new ideas and knowledge using creative and innovative approaches to solve challenges in an evolving world.

Mission: The Graduate School enriches the graduate student experience by providing excellent service, timely oversight, and relentless advocacy for student success.

Explore the Graduate School website (http://www.montana.edu/gradschool/) to learn more about MSU’s outstanding graduate programs and consider reaching out to the Graduate School with questions. We can also be reached at 406-994-4145, gradschool@montana.edu.

Department of Agricultural Economics and Economics (http://www.montana.edu/econ/)
- Master of Science in Applied Economics (http://www.montana.edu/econ/graduateprogram.html)

Department of Agricultural and Technology Education (http://ageducation.montana.edu/)
- Master of Science in Agricultural Education (https://editcatalog.montana.edu/graduate/agriculture/agricultural-education/ms-agricultural-education/)

American Studies (https://www.montana.edu/americanstudies/)
- Master of Arts in American Studies (https://www.montana.edu/americanstudies/graduate.html)
- Doctor of Philosophy in American Studie (https://editcatalog.montana.edu/graduate/letters-science/american-studies/phd-philosophy-american-studies/)

Department of Animal and Range Sciences (http://animalrange.montana.edu/)
- Master of Science in Animal and Range Sciences (http://animalrange.montana.edu/degrees-grad.html)
- Master of Science in Land Rehabilitation (http://landresources.montana.edu/grad/gradprogram.html#LAND)(Interdisciplinary)
- Doctor of Philosophy in Animal and Range Sciences (http://animalrange.montana.edu/degrees-grad.html)

School of Architecture (http://arch.montana.edu/)
- Master of Architecture (https://editcatalog.montana.edu/graduate/arts-architecture/architecture/master-architecture/)

School of Art (http://art.montana.edu/)
- Master of Fine Arts (http://art.montana.edu/mfa-program.html)
- Master of Art in Art History (http://art.montana.edu/ma-program.html)

Jake Jacobs College of Business & Entrepreneurship (JJCBE) (http://www.montana.edu/business/)
- Master of Professional Accountancy (http://www.montana.edu/business/accounting/MPAc/)
- Master of Science in Innovation & Management (https://www.montana.edu/academics/innovation-management-graduate/)

Chemical and Biological Engineering Department (https://editcatalog.montana.edu/graduate/engineering/chemical-biological-engineering/)
- Master of Science in Chemical Engineering (http://www.coe.montana.edu/grad/)
- Master of Science in Environmental Engineering (http://www.coe.montana.edu/grad/)
- Master of Engineering In Chemical Engineering (http://www.coe.montana.edu/grad/)
- Master of Engineering in Bioengineering (http://www.coe.montana.edu/grad/)
- Doctor of Philosophy in Chemical Engineering (http://www.coe.montana.edu/grad/)
- Doctor of Philosophy in Materials Science (http://www.coe.montana.edu/grad/)

Department of Chemistry and Biochemistry (https://editcatalog.montana.edu/graduate/letters-science/chemistry-biochemistry/)
- Master of Science in Chemistry (https://editcatalog.montana.edu/graduate/letters-science/chemistry-biochemistry/ms-chemistry/)
- Master of Science in Biochemistry (https://editcatalog.montana.edu/graduate/letters-science/chemistry-biochemistry/ms-biochemistry/)
- Master of Science in Optics and Photonics (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/ms-optics-plan-a/) (https://www.montana.edu/academics/ optics-photonics-graduate/Plan A or B Options available)
- Doctor of Philosophy in Chemistry (http://editcatalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-chemistry/)
- Doctor of Philosophy in Biochemistry (https://editcatalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-biochemistry/)
- Doctor of Philosophy in Materials Science (https://editcatalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-materials-science/)

Civil Engineering Department (http://www.montana.edu/ce/)
- Master of Science in Civil Engineering (http://www.montana.edu/ce/grad/)
- Master of Science in Environmental Engineering (http://www.montana.edu/ce/grad/)
- Master of Science in Land Rehabilitation (http://www.montana.edu/ce/grad/)
• Doctor of Philosophy in Civil Engineering (http://www.montana.edu/ce/grad/) (Options in Environmental Engineering, Civil Engineering, Applied Mechanics)

Gianforte School of Computing (https://www.cs.montana.edu/)
• Master of Science in Data Science (https://www.cs.montana.edu/grad/)
• Master of Science in Computer Science (https://www.cs.montana.edu/grad/) (Accelerated Options available)
• Doctor of Philosophy in Computer Science (https://www.cs.montana.edu/grad/)

Department of Earth Sciences (http://www.montana.edu/earthsciences/)
• Master of Science in Earth Sciences (http://www.montana.edu/earthsciences/graduate-program/)
• Master of Science in Land Rehabilitation (https://landresources.montana.edu/grad/gradprograms.html#LAND) (Interdisciplinary)
• Doctor of Philosophy in Earth Sciences (http://www.montana.edu/earthsciences/graduate-program/)

Department of Education (https://editcatalog.montana.edu/graduate/education-health-human-development/education/)
• Master of Arts in Teaching (Elementary or Secondary) (http://www.montana.edu/education/grad/mat/)
• Master of Education (MED)
  • Adult and Higher Education (http://www.montana.edu/education/grad/ahel/)
  • Curriculum and Instruction (http://www.montana.edu/education/grad/cif/)
  • Educational Leadership (http://www.montana.edu/education/grad/edlead/)
• Doctor of Education (Ph.D. & Ed.D)
  • Adult and Higher Education (http://www.montana.edu/education/grad/ahel/)
  • Curriculum and Instruction (http://www.montana.edu/education/grad/cif/)
  • Educational Leadership (http://www.montana.edu/education/grad/edlead/)
• Educational Specialist (EDS) in Educational Leadership, Curriculum & Instruction and Adult & Higher Education (http://www.montana.edu/education/grad/edlead/edlead_eds.html)
• Certificate in College Teaching (http://www.montana.edu/education/grad/ahel/ahel_ctc.html)
• Certificate in Library Media (http://www.montana.edu/education/grad/librarymedia/)
• Certificate in School Superintendent (http://www.montana.edu/education/grad/edlead/edlead_supt.html)
• Certificate in Teacher Leadership (http://www.montana.edu/education/grad/)

Department of Electrical and Computer Engineering (http://ece.montana.edu/)
• Master of Science in Electrical Engineering (http://ece.montana.edu/grad/) (https://www.montana.edu/academics/optics-phonotics-graduate/) (Options: Plan A, thesis, or B, professional paper)
• Master of Engineering in Electrical Engineering (http://ece.montana.edu/grad/)
• Master of Science in Optics and Photonics (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/ms-optics-plan-a/) (https://www.montana.edu/academics/optics-phonotics-graduate/) (Options: Plan A, thesis, or B, professional paper)
• Doctor of Philosophy in Electrical Engineering (http://ece.montana.edu/grad/) (Option in Electrical and Computer Engineering)
• Doctor of Philosophy in Materials Science (https://editcatalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-materials-science/)

Department of English (http://www.montana.edu/english/)
• Master of Arts in English (http://www.montana.edu/english/grad/) (https://www.montana.edu/academics/optics-phonotics/graduate/)
• Master of Arts (http://www.montana.edu/english/grad/) in English Education (https://www.montana.edu/english/grad/gradee.html)

School of Film and Photography (http://sfp.montana.edu/)
• Master of Fine Arts in Science (http://www.montana.edu/english/grad/) and Natural History Filmmaking (http://sfp.montana.edu/sciencenaturefilm/)

H (http://www.montana.edu/hhd/) Health Professions Advising, Masters of Science in Health Sciences (https://www.montana.edu/hhd/graduate/msinhsprereq.html)

Department of Health and Human Development (http://www.montana.edu/hhd/)
• Certificate in Addiction Counseling (http://www.montana.edu/addictioncounseling/)
• Master of Science in Community Health (http://www.montana.edu/hhd/graduate/communityhealth/)
• Master of Science in Counseling (Options in School, Mental Health and Marriage, Couples and Family) (http://www.montana.edu/hhd/graduate/)
• Master of Science in Dietetics (also, Montana Dietetic Internship) (http://www.montana.edu/hhd/graduate/dietetics/)
• Master of Science in Exercise and Nutrition Sciences (http://www.montana.edu/hhd/graduate/exerciseandnutrition/)
• Master of Science, Family & Consumer Sciences (http://www.montana.edu/hhd/graduate/)
• Master of Science in Family Financial Planning (http://www.montana.edu/online/degrees/ffp/)

The Graduate School
• Master of Science in Sustainable Food Systems, Master’s (http://www.montana.edu/hhd/graduate/)

Department of History and Philosophy (http://www.montana.edu/history/)
• Master of Arts in History (http://www.montana.edu/history/graduate.html)
• Doctor of Philosophy in History (http://www.montana.edu/history/graduate.html)

Department of Land Resources and Environmental Sciences (http://landresources.montana.edu/)
• Master of Science in Entomology (https://editcatalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-entomology/) (Coordinating department)
• Master of Science in Land Rehabilitation (http://landresources.montana.edu/grad/Interdisciplinary)
• Master of Science in Land Resources and Environmental Science (also, Online options available) (https://editcatalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-land-resources-environmental-sciences/)
• Doctor of Philosophy in Ecology and Environmental Sciences (https://editcatalog.montana.edu/graduate/interdisciplinary-other-programs/phd-ecology-environmental-sciences/)

Department of Mathematical Sciences (http://www.math.montana.edu/)
• Certificate for Dual Enrollment Mathematics Teachers (https://math.montana.edu/grad_students/mathed_dualenroll.html)
• Master of Science in Data Science (http://catalog.montana.edu/graduate/letters-science/mathematical-sciences/ms-data-science/)
• Master of Science in Mathematics (http://catalog.montana.edu/graduate/letters-science/mathematical-sciences/ms-mathematics/)
• Master of Science in Mathematics, Education Option (http://catalog.montana.edu/graduate/letters-science/mathematical-sciences/ms-mathematics-education-option-msmath/)
• Master of Science in Statistics (http://catalog.montana.edu/graduate/letters-science/mathematical-sciences/ms-statistics/)
• Doctor of Philosophy in Mathematics (http://catalog.montana.edu/graduate/letters-science/mathematical-sciences/phd-mathematics/)
• Doctor of Philosophy in Mathematics- Mathematics Education emphasis (http://catalog.montana.edu/graduate/letters-science/mathematical-sciences/phd-mathematics-education/)
• Doctor of Philosophy in Statistics (http://catalog.montana.edu/graduate/letters-science/mathematical-sciences/phd-statistics/)
• Certificate in Applied Statistics Certificate (http://catalog.montana.edu/graduate/letters-science/mathematical-sciences/graduate-certificate-statistics/)

Mechanical and Industrial Engineering Department (http://www.montana.edu/mie/)
• Master of Engineering in Mechanical Engineering (http://www.montana.edu/mie/grad/)
• Master of Science in Mechanical Engineering (https://editcatalog.montana.edu/graduate/engineering/mechanical-industrial-engineering/mechanical-engineering/)

• Master of Science in Industrial (https://editcatalog.montana.edu/graduate/engineering/mechanical-industrial-engineering/industrial-engineering/) and Management Systems Engineering (http://www.montana.edu/mie/grad/)
• Master of Science in Industrial and Management Systems Engineering - Accelerated one-year masters (http://www.montana.edu/mie/grad/)
• Doctor of Philosophy in Mechanical Engineering (https://editcatalog.montana.edu/graduate/engineering/engineering-phd/)
• Doctor of Philosophy in Engineering Industrial Engineering Option (http://www.montana.edu/mie/grad/)
• Doctor of Philosophy in Materials Science (http://www.montana.edu/materials/)

Department of Microbiology and Immunology (https://www.montana.edu/mbi/GraduateStudents.html)
• Master of Science in Biological Sciences (http://catalog.montana.edu/graduate/letters-science/cell-biology-neuroscience/ms-biological-sciences/)
• Master of Science in Microbiology & Immunology (https://editcatalog.montana.edu/graduate/agriculture/immunology-infectious-diseases/ms-immunology-infectious-diseases/) (https://www.montana.edu/academics/optics-photronics-graduate/) Options: A thesis, or B, professional paper)
• Doctor of Philosophy in Biological Sciences (http://catalog.montana.edu/graduate/letters-science/cell-biology-neuroscience/phd-biological-sciences/)
• Doctor of Philosophy in Microbiology & Immunology (https://www.montana.edu/mbi/graduates/GradCurricula.html)
• Doctor of Philosophy in Neuroscience (https://www.montana.edu/cbn/graduate/program-requirements.html)

Molecular Biosciences Program (http://mbprogram.montana.edu/)

Department of Native American Studies (http://www.montana.edu/nativeamerican/)
• Master of Arts in Native American Studies (http://www.montana.edu/nativeamerican/grad.html)
• Certificate in Native American Studies (Online option) (http://www.montana.edu/nativeamerican/online.html)

College of Nursing (http://www.montana.edu/wwwnu/)
• Master of Nursing (MN) (http://www.montana.edu/nursing/graduate/) (Options: BSN to MN a ADRN to MN) (https://www.montana.edu/nursing/graduate/mn.html)
• Doctor of Nursing Practice (DNP) Degree (https://www.montana.edu/nursing/graduate/dnp.html) (Options: Family, Psych/Mental Health, MSN to DNP) (https://www.montana.edu/nursing/graduate/dnp.html)
• Nursing Education Certificate (https://www.montana.edu/nursing/graduate/elective.html)

Department of Physics (http://physics.montana.edu/)
• Master of Science in Physics (https://editcatalog.montana.edu/graduate/letters-science/physics/ms-physics/)
• Master of Science in Optics and Photonics (https://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/ms-optics-plan-a/) (https://www.montana.edu/academics/
optics-photonics-graduate/)Options: Plan A, thesis, or B, professional paper)
• Doctor of Philosophy in Physics (https://editcatalog.montana.edu/graduate/letters-science/physics/phd-physics/)
• Doctor of Philosophy in Materials Science (http://www.montana.edu/materials/)
• Master of Science in Optics and Photonics (http://www.physics.montana.edu/msoptics.html)

Department of Plant Sciences (http://plantsciences.montana.edu/)
• Master of Science in Plant Pathology (https://editcatalog.montana.edu/graduate/agriculture/plant-sciences-plant-pathology/ms-plant-pathology/)
• Master of Science in Plant Science (https://editcatalog.montana.edu/graduate/agriculture/plant-sciences-plant-pathology/ms-plant-sciences/)
• Doctor of Philosophy in Plant Science (https://editcatalog.montana.edu/graduate/agriculture/plant-sciences-plant-pathology/phd-plant-sciences/)

Department of Political Science (http://www.montana.edu/politicalscience/)
• Master of Public Administration (http://www.montana.edu/politicalscience/graduate/)

Department of Psychology (http://www.montana.edu/psychology/)
• Doctor of Philosophy in Psychological Science (https://editcatalog.montana.edu/graduate/letters-science/psychology/phd-psychology/)

Science Education (http://www.montana.edu/msse/)

Interdisciplinary Programs
• Doctor of Philosophy in Ecology and Environmental Sciences (http://www.montana.edu/ecology/graduatedegrees.html#ECES)
• Doctor of Philosophy in Individual Interdisciplinary (http://www.montana.edu/gradschool/individualinterdisciplinaryphd/)
• Master of Science in Environmental Engineering (http://www.montana.edu/ce/grad/application_details.html)
• Master of Science in Health Science (http://www.montana.edu/hpa/graduate/missHealthreq.html)
• Master of Science in Land Rehabilitation (http://landresources.montana.edu/grad/gradprogram.html#LAND)/Interdisciplinary
• Master of Science in Optics and Photonics (http://www.physics.montana.edu/msoptics.html)
• Master of Science in Science Education (http://www.montana.edu/msse/)
• Molecular Biosciences Program (http://mbprogram.montana.edu/)
• WIMU Veterinary Medicine (http://wimu.montana.edu/)
• WWAMI Medical Education Program (http://www.montana.edu/wwami/)
• Doctor of Philosophy in Materials Science (http://www.montana.edu/materials/)

Montana State Online (http://www.montana.edu/online/)
• Certificate in Addiction Counseling (http://www.montana.edu/addictioncounseling/)
• Montana Dietetic Internship (http://www.montana.edu/hhd/graduate/diprogram.html)
• Master of Arts in Teaching (http://www.montana.edu/education/grad/ma/)
• Certificate for Dual Enrollment Mathematics Teachers (https://math.montana.edu/grad_students/mathed_dualenroll.html)
• Master of Arts in English Education (https://www.montana.edu/english/grad/gradee.html)
• Master of Science in Agricultural Education (https://www.montana.edu/online/degrees/agricultural-education/)
• Master of Education in Curriculum and Instruction (http://www.montana.edu/education/grad/ci/ci_med.html)
• Master of Science in Family & Consumer Sciences (http://www.montana.edu/hhd/graduate/famconsumsci/)
• Master of Science in Family Financial Planning (http://www.montana.edu/online/degrees/ffp/)
• Master of Science in Land Resources and Environmental Sciences (http://www.landresources.montana.edu/grad/online/)
• Master of Science in Mathematics Education (http://www.math.montana.edu/students/msmathed/)
• Master of Science in Science Education (https://www.montana.edu/msse/)
• Certificate in Native American Studies (http://www.montana.edu/nativeamerican/online.html)
• Certificate in Nursing Education (http://www.montana.edu/nursing/graduate/elective.html)
• Certificate in School Library Media (http://www.montana.edu/education/grad/librarymedia/)
• Certificate in School Superintendent (http://www.montana.edu/education/grad/edlead/edlead_supt.html)
• Certificates in Science Teaching (http://www.montana.edu/online/degrees/science-education/) (https://www.montana.edu/msse/nten/)
(Options in: Chemistry, Climate, Earth Science, Elementary School Science, Life Science, and Physics)
• Certificate in Teacher Leadership (https://www.montana.edu/education/grad/)