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.

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

School of Music (https://www.montana.edu/music/)
  • Master of Music in Music Education (http://catalog.montana.edu/graduate/arts-architecture/music/)

Jake Jabs College of Business & Entrepreneurship (JJCBE) (http://www.montana.edu/business/)
  • Accountancy, Professional Master (http://www.montana.edu/business/accounting/MPAc/) (Accelerated Options available)
  • Innovation & Management, Master of Science (https://www.montana.edu/academics/innovation-management-graduate/)

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

Department of Chemical and Biochemistry (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/)
  • Biochemistry, Master of Science (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/ms-biochemistry/)
  • Biochemistry, Doctor of Philosophy (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-biochemistry/)
  • Chemistry, Master of Science (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/ms-chemistry/)
  • Chemistry, Doctor of Philosophy (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-chemistry/)
  • Materials Science, Doctor of Philosophy (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-materials-science/)
  • Optics and Photonic, Master of Science (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/ms-optics-plan-a/) (https://www.montana.edu/academics/optics-photronics-graduate/plan-a/) (Options in: Environmental Engineering, Civil Engineering, Applied Mechanics)

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

Gianforte School of Computing (https://www.cs.montana.edu/)
• Artificial Intelligence, Certificate (http://catalog.montana.edu/graduate-cert-artificial-intelligence/)
• Computer Science, Master of Science (https://www.cs.montana.edu/grad/) (Accelerated Options available)
• Computer Science, Doctor of Philosophy (https://www.cs.montana.edu/grad/)

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

Department of Ecology (http://www.montana.edu/ecology/)
• Biological Sciences, Master of Science (http://www.montana.edu/ecology/graduate_admissions.html)
• Biological Sciences, Doctor of Philosophy (http://www.montana.edu/ecology/graduate_admissions.html)
• Ecology and Environmental Sciences, Doctor of Philosophy (http://www.montana.edu/ecology/graduate_admissions.html) (Interdisciplinary)
• Fish and Wildlife Biology, Doctor of Philosophy (http://www.montana.edu/ecology/graduate_admissions.html)
• Fish and Wildlife Management, Master of Science (http://www.montana.edu/ecology/graduate_admissions.html)

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

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

Department of English (http://www.montana.edu/english/)
• English, Master of Arts (http://www.montana.edu/english/grad/)
• English Education, Master of Arts (http://www.montana.edu/english/grad/gradee.html)

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

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

Department of Health and Human Development (http://www.montana.edu/hhd/)
• Addiction Counseling, Certificate (http://www.montana.edu/addictioncounseling/)
• Community Health, (http://www.montana.edu/hhd/graduate/communityhealth/) Master of Science (http://www.montana.edu/hhd/graduate/)
• Counseling, Master of Science (Options in School, Mental Health and Marriage, Couples and Family) (https://www.montana.edu/hhd/graduate/counseling/)
• Dietetics, (http://www.montana.edu/hhd/graduate/dietetics/) Master of Science (http://www.montana.edu/hhd/graduate/) (also, Montana Dietetic Internship (http://www.montana.edu/hhd/graduate/dietetics/))
• Exercise and Nutrition Science, (http://www.montana.edu/hhd/graduate/exerciseandnutrition/) Master of Science (http://www.montana.edu/hhd/graduate/is.html (http://www.montana.edu/hhd/graduate/exerciseandnutrition/)
• Exercise and Nutrition Sciences, Doctor of Philosophy (https://www.montana.edu/hhd/graduate/exerciseandnutrition/)}
• Family & Consumer Science, Master of Sciences (https://www.montana.edu/hhd/graduate/famconssci/)
• Family Financial Planning, (http://www.montana.edu/online/degrees/ffp/) Master of Sciences (http://www.montana.edu/hhd/graduate/)
• Indigenous & Rural Health, (https://www.montana.edu/hhd/graduate/) Doctor of Philosophy (http://www.montana.edu/history/graduate.html)
• Mental Health Support, Certificate (https://www.montana.edu/hhd/nondegree/mhs/)
• Sustainable Food Systems, Master of Sciences (https://www.montana.edu/hhd/graduate/sfs/)

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

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

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

Mechanical and Industrial Engineering Department (http://www.montana.edu/mie/)
• Industrial (http://catalog.montana.edu/graduate/engineering/mechanical-industrial-engineering/) and Management Systems Engineering, Master of Science (http://www.montana.edu/mie/grad/) (Accelerated Options available)
• Industrial Engineering Option (http://www.montana.edu/mie/grad/), Doctor of Philosophy in Engineering (http://www.montana.edu/mie/grad/)
• Materials Science, Doctor of Philosophy (http://www.montana.edu/materials/)
• Mechanical Engineering, Master of Engineering (http://www.montana.edu/mie/grad/)
• Mechanical Engineering, Master of Science (http://catalog.montana.edu/graduate/engineering/mechanical-industrial-engineering/mechanical-engineering/)
• Mechanical Engineering, Doctor of Philosophy (http://catalog.montana.edu/graduate/engineering/mechanical-engineering/phd/)

Department of Microbiology and Cell Biology (https://www.montana.edu/mibi/GraduateStudents.html)
• Biological Sciences, Master of Science (https://www.montana.edu/mibi/graduates/GradSchoolAppInfo.html)
• Biological Sciences, Doctor of Philosophy (https://www.montana.edu/mibi/graduates/GradSchoolAppInfo.html)
• Microbiology & Immunology, Master of Science (https://www.montana.edu/mibi/graduates/GradSchoolAppInfo.html) (Options: Plan A, thesis, or B, professional paper)
• Microbiology & Immunology, Doctor of Philosophy (https://www.montana.edu/mibi/graduates/GradSchoolAppInfo.html)
• Neuroscience, Doctor of Philosophy (https://www.montana.edu/mibi/graduates/GradSchoolAppInfo.html)

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

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

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

Department of Physics (http://physics.montana.edu/)
• Materials Science, Doctor of Philosophy (http://www.montana.edu/materials/)
• Optics and Photonics, Master of Science (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/ms-optics-plant-sciences/)
• Physics, Bachelor of Science (http://catalog.montana.edu/graduate/letters-science/physics/bachphysics/)
• Physics, Doctor of Philosophy (http://catalog.montana.edu/graduate/letters-science/physics/phd-physics/)

Department of Plant Sciences (http://plantsciences.montana.edu/)
• Crop Breeding & Biotechnology, Certificate (https://plantsciences.montana.edu/studentinfo/grad/)
• Plant Disease, Certificate (https://plantsciences.montana.edu/studentinfo/grad/)
• Plant Pathology, Master of Science (http://catalog.montana.edu/graduate/agriculture/plant-sciences-plant-pathology/ms-plant-pathology/)
• Plant Science, Master of Science (http://catalog.montana.edu/graduate/agriculture/plant-sciences-plant-pathology/ms-plant-sciences/)
• Plant Science, Doctor of Philosophy (http://catalog.montana.edu/graduate/agriculture/plant-sciences-plant-pathology/phd-plant-sciences/)

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

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

Interdisciplinary Programs
• Ecology and Environmental Sciences, Doctor of Philosophy (http://www.montana.edu/ecology/graduatedegrees.html#ECEES)
• Environmental Engineering, Master of Science (http://www.montana.edu/ce/grad/application_details.html)
• Health Science, Master of Science (http://www.montana.edu/gradschool/healthscience/)
• Individual Interdisciplinary, Doctor of Philosophy (http://www.montana.edu/gradschool/individualinterdisciplinaryphd/)
• Land Rehabilitation, Master of Science (http://landresources.montana.edu/grad/gradprograms.html#LAND)
• Materials Science, Doctor of Philosophy (http://www.montana.edu/materials/)
• Molecular Biosciences Program (http://mbprogram.montana.edu/)
• Optics and Photonics, Master of Science (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/ms-optics-plant-sciences/)
• Science Education, Master of Science (http://www.montana.edu/msse/)
• WIMU Veterinary Medicine (http://wimu.montana.edu/)
• WWAMI Medical Education Program (http://www.montana.edu/wwami/)

Montana State Online (http://www.montana.edu/online/) - Certificates & Masters
• Addiction Counseling, Certificate (http://www.montana.edu/addictioncounseling/)
• Agricultural Education, Master of Science (http://www.montana.edu/online/degrees/agricultural-education/)
• Curriculum and Instruction, Master of Education (http://www.montana.edu/education/grad/ci/ci_med.html)
• Dual Enrollment Mathematics Teachers, Certificate (https://math.montana.edu/grad_students/mathed_dualenroll.html)
• English Education, Master in Arts (https://www.montana.edu/english/grad/gradece.html)
• Family & Consumer Sciences, Master of Science (http://www.montana.edu/hhd/graduate/famconssci/)
• Family Financial Planning, Master of Science (http://www.montana.edu/online/degrees/ffp/)
• Land Resources and Environmental Sciences, Master of Science (http://www.landresources.montana.edu/grad/online/)
• Mathematics Education, Master of Science (http://www.math.montana.edu/students/mmathed/)
• Mental Health Support, Certificate (http://catalog.montana.edu/about:blank)
• Montana Dietetic Internship (http://www.montana.edu/hhd/graduate/dietetics/diprogram.html)
• Native American Studies, Certificate (http://www.montana.edu/nativeamerican/online.html)
• Nursing Education, Certificate (http://www.montana.edu/nursing/graduate/elective.html)
• School Library Media, Certificate (http://www.montana.edu/education/grad/librarymedia/)
• School Superintendent, Certificate (http://www.montana.edu/education/grad/edlead/edlead_supt.html)
• Science Education, Master of Science (https://www.montana.edu/msse/)
• Teaching, Master of Arts (http://www.montana.edu/education/grad/mat/)
• Teacher Leadership, Certificate (https://www.montana.edu/education/grad/)