The Graduate School

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.

Welcome from the Dean of The Graduate School
Dr. Karlene Hoo, Dean of The Graduate School

The Graduate School welcomes you to Montana State University. We are delighted that you have chosen MSU. 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. The Carnegie Foundation recognizes MSU as one of 108 research universities with "very high research activity" and graduate education is one of the keys to achieving this ranking. With over $90 million in annual research expenditures, MSU’s research enterprise is fueled by the scholarship of skilled graduate students.

We invite you to explore the MSU website to learn more about our outstanding graduate programs, the exciting and challenging opportunities afforded graduate students, and the eclectic community of Bozeman, Montana. The Graduate School staff and I are committed to helping you succeed at all points throughout your education and welcome your questions and comments. We can be reached at 406-994-4145, gradschool@montana.edu.

Graduate Programs
For detailed information about The Graduate School at MSU, visit the webpage (http://www.montana.edu/gradschool). The master’s, doctoral, and certificate offerings are listed below, along with links to each academic department’s webpage. To find out more about a specific graduate program, please contact the department.

American Studies (http://catalog.montana.edu/graduate/letters-science/american-studies)
Home Page: http://www.montana.edu/amst/index.html
- Master of Arts in American Studies (http://catalog.montana.edu/graduate/letters-science/american-studies/ma-arts-american-studies)
- Doctor of Philosophy in American Studies (http://catalog.montana.edu/graduate/letters-science/american-studies/phd-philosophy-american-studies)

Department of Animal and Range Sciences (http://catalog.montana.edu/graduate/agriculture/animal-range-sciences)
Home Page: http://animalrange.montana.edu/degrees-grad.htm
- Master of Science in Animal and Range Sciences (http://catalog.montana.edu/graduate/agriculture/animal-range-sciences/ms-animal-and-range-sciences)
- Master of Science in Land Rehabilitation (http://catalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-land-rehabilitation) (Interdisciplinary)
- Doctor of Philosophy in Animal and Range Sciences (http://catalog.montana.edu/graduate/agriculture/animal-range-sciences/phd-animal-range-sciences)

School of Architecture (http://catalog.montana.edu/graduate/arts-architecture/architecture)
Home Page: http://www.arch.montana.edu/pages/programs/programs.php
- Master of Architecture (http://catalog.montana.edu/graduate/arts-architecture/architecture/master-architecture)
- Certificate of Professional Practice of Architecture (http://catalog.montana.edu/graduate/arts-architecture/architecture/professional-practice)

School of Art (http://catalog.montana.edu/graduate/arts-architecture/art)
Home Page: http://art.montana.edu
- Master of Fine Arts (http://catalog.montana.edu/graduate/arts-architecture/art/mfa-art)
- Master of Art in Art History (http://catalog.montana.edu/graduate/arts-architecture/art/ma-art-history)

Jake Jabs College of Business & Entrepreneurship (JJCBE) (http://catalog.montana.edu/graduate/business)
Home Page: http://www.montana.edu/cob/
- Master of Professional Accountancy (http://catalog.montana.edu/graduate/business)

Department of Cell Biology and Neuroscience (http://catalog.montana.edu/graduate/letters-science/cell-biology-neuroscience)
Home Page: http://www.montana.edu/cbn/
- Master of Science in Biological Sciences (http://catalog.montana.edu/graduate/letters-science/cell-biology-neuroscience/ms-biological-sciences)
- Master of Science in Neuroscience (http://catalog.montana.edu/graduate/letters-science/cell-biology-neuroscience/ms-neurosciences)

Department of Agricultural Economics and Economics (http://catalog.montana.edu/graduate/agriculture/agricultural-economics)
Home Page: http://www.montana.edu/econ/
- Master of Science in Applied Economics (http://catalog.montana.edu/graduate/agriculture/agricultural-economics/ms-applied-economics)

Division of Agriculture Education (http://catalog.montana.edu/graduate/agriculture/agricultural-education)
Home Page: www.ag.montana.edu/ageducation/
- Master of Science in Agricultural Education (http://catalog.montana.edu/graduate/agriculture/agricultural-education/ms-agricultural-education)
• Doctor of Philosophy in Biological Sciences (http://catalog.montana.edu/graduate/letters-science/cell-biology-neuroscience/phd-biological-sciences)
• Doctor of Philosophy in Neuroscience (http://catalog.montana.edu/graduate/letters-science/cell-biology-neuroscience/phd-neuroscience)

Department of Chemical and Biological Engineering (http://catalog.montana.edu/graduate/engineering/chemical-biological-engineering)
Home Page: http://www.cebe.montana.edu/
• Master of Science in Chemical Engineering (http://catalog.montana.edu/graduate/engineering/chemical-biological-engineering/ms-chemical-engineering)
• Master of Science in Environmental Engineering (http://catalog.montana.edu/graduate/engineering/environmental-engineering)
• Master of Engineering In Chemical Engineering (http://catalog.montana.edu/graduate/engineering/chemical-biological-engineering/master-engineering-chemical-engineering)
• Master of Engineering in Bioengineering (http://catalog.montana.edu/graduate/engineering/chemical-biological-engineering/master-engineering-bioengineering)
• Doctor of Philosophy in Engineering (http://catalog.montana.edu/graduate/engineering/chemical-biological-engineering/phd-engineering)
• Doctor of Philosophy in Materials Science (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-materials-science)

Department of Chemical and Biochemistry (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry)
Home Page: http://www.chemistry.montana.edu/graduate/
• Master of Science in Chemistry (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/ms-chemistry)
• Master of Science in Biochemistry (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/ms-biochemistry)
• Doctor of Philosophy in Chemistry (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-chemistry)
• Doctor of Philosophy in Biochemistry (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-biochemistry)
• Doctor of Philosophy in Materials Science (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-materials-science)

Department of Civil Engineering (http://catalog.montana.edu/graduate/engineering/civil-engineering)
Home Page: http://www.coe.montana.edu/ce/
• Master of Science in Civil Engineering (http://catalog.montana.edu/graduate/engineering/civil-engineering/ms-civil-engineering)
• Master of Science in Environmental Engineering (http://catalog.montana.edu/graduate/engineering/environmental-engineering)
• Master of Science in Land Rehabilitation (http://catalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-land-rehabilitation)
• Master of Construction Engineering Management (PMSEM) (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/prof-ms-engineering-mgmt-pmse)

• Doctor of Philosophy in Engineering (http://catalog.montana.edu/graduate/engineering/engineering-phd) (Options in Environmental Engineering, Civil Engineering, Applied Mechanics)

Department of Computer Science (http://catalog.montana.edu/graduate/engineering/computer-science)
Home Page: http://www.cs.montana.edu/
• Master of Science in Computer Science (http://catalog.montana.edu/graduate/engineering/computer-science/ms-computer-science)
• Doctor of Philosophy in Computer Science (http://catalog.montana.edu/graduate/engineering/computer-science/phd-computer-science)

Department of Earth Sciences (http://catalog.montana.edu/graduate/letters-science/earth-sciences)
Home Page: http://www.montana.edu/wwnes/programs/graduate.htm
• Master of Science in Earth Sciences (http://catalog.montana.edu/graduate/letters-science/earth-sciences/ms-earth-sciences)
• Master of Science in Land Rehabilitation (http://catalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-land-rehabilitation) (Interdisciplinary)
• Master of Science in Land Rehabilitation (http://catalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-land-rehabilitation) (Interdisciplinary)
• Doctor of Philosophy in Earth Sciences (http://catalog.montana.edu/graduate/letters-science/earth-sciences/phd-earth-sciences)

Department of Ecology (http://catalog.montana.edu/graduate/letters-science/ecology)
Home Page: http://www.montana.edu/ecology/
• Master of Science in Biological Sciences (http://catalog.montana.edu/graduate/letters-science/ecology/ms-biological-sciences)
• Master of Science in Fish and Wildlife Management (http://catalog.montana.edu/graduate/letters-science/ecology/ms-fish-wildlife-management)
• Doctor of Philosophy in Fish and Wildlife Biology (http://catalog.montana.edu/graduate/letters-science/ecology/phd-fish-wildlife-biology)
• Doctor of Philosophy in Biological Sciences (http://catalog.montana.edu/graduate/letters-science/ecology/phd-biological-sciences)
• Doctor of Philosophy in Ecology and Environmental Sciences (http://catalog.montana.edu/graduate/letters-science/ecology/phd-ecology-environmental-sciences) (Interdisciplinary)

Department of Education (http://catalog.montana.edu/graduate/education-health-human-development/education)
Home Page: http://www.montana.edu/wwweduc/grad/index.shtml
• Master of Education
  • Adult and Higher Education (http://catalog.montana.edu/graduate/education-health-human-development/education/med-adult-education)
  • Curriculum and Leadership (http://catalog.montana.edu/graduate/education-health-human-development/education/med-curriculum-leadership)
  • Educational Leadership (http://catalog.montana.edu/graduate/education-health-human-development/education/med-leadership)
  • Doctor of Education
• Adult and Higher Education (http://catalog.montana.edu/graduate/education-health-human-development/education/edd-adult-higher-education)
• Curriculum and Instruction (http://catalog.montana.edu/graduate/education-health-human-development/education/edd-curriculum-instruction)
• Educational Leadership (http://catalog.montana.edu/graduate/education-health-human-development/education/edd-educational-leadership)
• Educational Specialist in Educational Leadership (http://catalog.montana.edu/graduate/education-health-human-development/education/eds-educational-leadership)
• College Teaching Certificate (http://catalog.montana.edu/graduate/education-health-human-development/education/college-teaching-certificate)
• School Library Media Graduate Endorsement (http://catalog.montana.edu/graduate/education-health-human-development/education/school-library-media-graduate-endorsement)

Department of Electrical and Computer Engineering (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering)
Home Page: http://www.coe.montana.edu/ee/research/eegrad1.htm
• Master of Science in Electrical Engineering, Plan A (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/ms-electrical-engineering-plan-a) (Thesis)
• Master of Science in Electrical Engineering, Plan B (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/ms-electrical-engineering-plan-b) (Professional Paper)
• Master of Engineering in Electrical Engineering (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/meng-electrical-engineering-option)
• M.S. in Optics Plan A (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/ms-optics-plan-a) (Thesis)
• M.S. in Optics Plan B (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/ms-optics-plan-b) (Professional Paper)
• Doctor of Philosophy in Engineering (http://catalog.montana.edu/graduate/engineering/electrical-computer-engineering/phd-electrical-computer-engineering-option) (Option in Electrical and Computer Engineering)
• Doctor of Philosophy in Materials Science (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-materials-science)

College of Engineering (http://catalog.montana.edu/graduate/engineering)
Home Page: http://www.coe.montana.edu/

Department of English (http://catalog.montana.edu/graduate/letters-science/english)
Home Page: http://www.montana.edu/english/grad_overview.html
• Master of Arts in English (http://catalog.montana.edu/graduate/letters-science/english)

School of Film and Photography (http://catalog.montana.edu/graduate/arts-architecture/film-photography)
Home Page: http://naturefilm.montana.edu/
• Master of Fine Arts in Science and Natural History Filmmaking (http://catalog.montana.edu/graduate/arts-architecture/film-photography/mfa-science-natural-history-filmmaking)

Department of Health and Human Development (http://catalog.montana.edu/graduate/education-health-human-development/education-health-human-development)
Home Page: http://www.montana.edu/hhd/
• Counseling (http://catalog.montana.edu/graduate/education-health-human-development/health-human-development/counseling-program-options)
• Exercise and Nutrition Sciences (http://catalog.montana.edu/graduate/education-health-human-development/health-human-development/exercise-nutrition-sciences-option)
• Family & Consumer Sciences (http://catalog.montana.edu/graduate/education-health-human-development/health-human-development/family-consumer-sciences-option)
• Family Financial Planning (http://catalog.montana.edu/graduate/extended-university/family-financial-planning)
• Food, Family and Community Health Sciences (http://catalog.montana.edu/graduate/education-health-human-development/health-human-development/food-family-community-health-sciences-option)
• Master of Education in School Counseling (http://catalog.montana.edu/graduate/education-health-human-development/health-human-development/counseling-program-options)

Department of History and Philosophy (http://catalog.montana.edu/graduate/letters-science/history-philosophy)
Home Page: http://www.montana.edu/wwwhi/
• Master of Arts in History (http://catalog.montana.edu/graduate/letters-science/history-philosophy/ma-history)
• Doctor of Philosophy in History (http://catalog.montana.edu/graduate/letters-science/history-philosophy/phd-history)

Department of Land Resources and Environmental Sciences (http://catalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences)
Home Page: http://landresources.montana.edu/
• Master of Science in Entomology (http://catalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-entomology) (Coordinating department)
• Master of Science in Land Rehabilitation (http://catalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-land-rehabilitation)
• Master of Science in Land Resources and Environmental Sciences (http://catalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-land-resources-environmental-sciences)
• Doctor of Philosophy in Ecology and Environmental Sciences (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/phd-ecology-environmental-sciences)

Department of Mathematical Sciences (http://catalog.montana.edu/graduate/letters-science/mathematical-sciences)
Home Page: http://www.math.montana.edu/grad/index_future.html
Department of Native American Studies (http://catalog.montana.edu/graduate/letters-science/native-american-studies)
Home Page: http://www.montana.edu/wwwnas/

- Master of Arts in Native American Studies (http://catalog.montana.edu/graduate/letters-science/native-american-studies)
- Master of Arts in Native American Studies (http://catalog.montana.edu/graduate/letters-science/native-american-studies)
- Online Certificate in Native American Studies (http://catalog.montana.edu/graduate/letters-science/native-american-studies)

College of Nursing (http://catalog.montana.edu/graduate/nursing)
Home Page: http://www.montana.edu/nursing/

- Master of Nursing (MN) (http://catalog.montana.edu/graduate/nursing/clinical-nurse-leader)
- Doctor of Nursing Practice (DNP) Degree (http://catalog.montana.edu/graduate/nursing/dnp)
- Nursing Education Certificate (http://catalog.montana.edu/graduate/nursing/online-certificate-nursing-education) (Non-degree option)

Department of Physics (http://catalog.montana.edu/graduate/letters-science/physics)
Home Page: www.physics.montana.edu

- Master of Science in Physics (http://catalog.montana.edu/graduate/letters-science/physics)
- Doctor of Philosophy in Physics (http://catalog.montana.edu/graduate/letters-science/physics)
- Doctor of Philosophy in Physics (http://catalog.montana.edu/graduate/letters-science/physics)

Department of Plant Sciences (http://catalog.montana.edu/graduate/agriculture/plant-sciences-plant-pathology)
Home Page: http://plantsciences.montana.edu/studentinfo/grad/student_grad.html

- Master of Science in Plant Pathology (http://catalog.montana.edu/graduate/agriculture/plant-sciences-plant-pathology)
- Master of Science in Plant Science (http://catalog.montana.edu/graduate/agriculture/plant-sciences-plant-pathology)
- Doctor of Philosophy in Plant Science (http://catalog.montana.edu/graduate/agriculture/plant-sciences-plant-pathology)

Department of Political Science (http://catalog.montana.edu/graduate/letters-science/political-science)
Home Page: http://www.montana.edu/wwwcat/programs/grad_mpa.htm

- Master of Public Administration (http://catalog.montana.edu/graduate/letters-science/political-science)

Department of Psychology (http://catalog.montana.edu/graduate/letters-science/psychology)
Home Page: http://www.montana.edu/wwwpy/
- Master of Science in Psychological Science (http://catalog.montana.edu/graduate/letters-science/psychology/ms-psychology-emphasis-psychological-science)

**Master of Science in Science Education**

Home Page: http://www.montana.edu/msse/

- Master of Science in Science Education (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/ms-science-education)

**Interdisciplinary Programs**

- Doctor of Philosophy in Ecology and Environmental Sciences (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/phd-ecology-environmental-sciences)
- IGERT: Geobiological Systems (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/geobiological-systems-igert)
- Master of Science in Environmental Engineering (http://catalog.montana.edu/graduate/engineering/environmental-engineering)
- Master of Science in Health Science (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/ms-health-sciences)
- Master of Science in Science Education (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/ms-science-education)
- Molecular Biosciences Program (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/molecular-biosciences-program)
- Professional Master of Science and Engineering Management (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/prof-ms-engineering-mgmt-pmsem)
- Post Baccalaureate Pre-Medical Certificate (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/post-baccalaureate-pre-med-certif)
- WWAMI Medical Education Program (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/wwami-medical-program)
- Doctor of Philosophy in Materials Science (http://catalog.montana.edu/graduate/letters-science/chemistry-biochemistry/phd-materials-science)
- Science and Engineering Management (http://catalog.montana.edu/graduate/extended-university/science-engineering-management)
- Professional Master of Science and Engineering Management (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/prof-ms-engineering-mgmt-pmsem)

**Graduate Certificates**

- Addiction Counseling (http://catalog.montana.edu/graduate/extended-university/addiction-counseling)
- Architecture, Professional Practice of (http://catalog.montana.edu/graduate/arts-architecture/architecture/professional-practice)
- Chemistry Teaching Certificate (http://catalog.montana.edu/graduate/extended-university/science-teaching/certificate-science-teaching-chemistry)
- Earth Science Teaching Certificate (http://catalog.montana.edu/graduate/extended-university/science-teaching/certificate-science-teaching-earth-science)
- Elementary School Science Teaching Certificate (http://catalog.montana.edu/graduate/extended-university/science-teaching/certificate-elementry-school-science)
- Life Science Teaching Certificate (http://catalog.montana.edu/graduate/extended-university/science-teaching/certificate-science-teaching-life-science)
- Native American Studies (http://catalog.montana.edu/graduate/letters-science/native-american-studies/online-certificate-native-american-studies)
- Nursing Education (http://catalog.montana.edu/graduate/nursing/online-certificate-nursing-education)
- School Library Media (http://catalog.montana.edu/graduate/education-health-human-development/education/school-library-media-graduate-endorsement)
- Science Teaching (http://catalog.montana.edu/graduate/extended-university/science-teaching)
- Physics Teaching Certificate (http://catalog.montana.edu/graduate/extended-university/science-teaching/certificate-science-teaching-physics)

**On-Line Options through Extended University**

http://eu.montana.edu/online/degrees/

**Graduate Programs**

- Master of Science in Agricultural Education (http://catalog.montana.edu/graduate/agriculture/agricultural-education/ms-agricultural-education)
- Master of Education in Curriculum and Instruction (http://catalog.montana.edu/graduate/education-health-human-development/education/med-curriculum-leadership)
- Master of Science in Health and Human Development-Family Financial Planning (http://catalog.montana.edu/graduate/extended-university/family-financial-planning)
- Master of Science in Land Resources and Environmental Sciences (http://catalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-land-resources-environmental-sciences)
- Mathematics Education Option (http://catalog.montana.edu/graduate/letters-science/mathematical-sciences/ms-mathematics-education-option-msmme)
- Nursing MN (http://catalog.montana.edu/graduate/nursing/clinical-nurse-leader)
- Nursing DNP (http://catalog.montana.edu/graduate/nursing/dnp)
- Master of Science in Science Education (http://catalog.montana.edu/graduate/interdisciplinary-other-programs/ms-science-education)