The Graduate School

Mission and Goals
The mission of The Graduate School is to promote and sustain graduate programs of the highest quality at Montana State University (MSU). As such, The Graduate School seeks to enable a supportive research and learning environment for MSU graduate program growth and development to advance the health, prosperity, and welfare of all the communities that MSU serve.

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

The Graduate School welcomes you to Montana State University. We are delighted that you have chosen MSU, and we invite you to learn more about our outstanding graduate programs, the exciting and challenging opportunities afforded graduate students, and the eclectic community of Bozeman, Montana.

The Carnegie Foundation ranked MSU as one of 108 research universities with very high research activity. MSU continues to honor its land grant heritage by providing outstanding educational and research experiences to students from the state, the nation, and the world. Our faculty are respected for their world-class research, teaching, and engagement. To find out more about the opportunities to work in state-of-the-art facilities on cutting-edge research projects we encourage you to visit our departments and their websites for more information.

The community of Bozeman offers a truly unique high-quality life-style that complements the rich intellectual environment at MSU. The area is home to a large and growing number of high technology companies, many of which have originated from the research programs at MSU. Opportunities exist to become engaged in these companies.

The Graduate School staff and I welcome your questions and comments about the graduate programs at MSU. We can be contacted at gradschool@montana.edu to assist you in making critical decisions about graduate studies and career development.

Graduate Programs
The master’s and doctoral degree offerings at MSU are listed below, along with each academic department’s web site address. To find out more about a specific graduate program, we invite you to contact the graduate coordinator from the department. For detailed information about the graduate study opportunities that await you at MSU, visit The Graduate School web pages at www.montana.edu/wwwdg

Department of Agricultural Economics and Economics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/agricultural-economics)
Home Page: http://www.montana.edu/econ/
• Master of Science in Applied Economics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/agricultural-economics/ms-applied-economics)

Division of Agriculture Education (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/agricultural-education)
Home Page: www.ag.montana.edu/ageducation/
• Master of Science in Agricultural Education (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/agricultural-education/ms-agricultural-education)

American Studies (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/american-studies)
Home Page: http://www.montana.edu/amst/index.html
• Master of Arts in American Studies (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/american-studies/ma-arts-american-studies)
• Doctor of Philosophy in American Studies (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/american-studies/phd-philosophy-american-studies)

Department of Animal and Range Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/animal-range-sciences)
Home Page: http://animalrange.montana.edu/degree-grad.htm
• Master of Science in Animal and Range Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/animal-range-sciences/ms-animal-and-range-science)
• Master of Science in Land Rehabilitation (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/land-resources-environmental-sciences/ms-land-rehabilitation) (Interdisciplinary)
• Doctor of Philosophy in Animal and Range Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/animal-range-sciences/phd-animal-range-sciences)

School of Architecture (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/arts-architecture/architecture)
Home Page: http://www.arch.montana.edu/pages/programs/programs.php
• Master of Architecture (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/arts-architecture/architecture/master-architecture)
• Certificate of Professional Practice of Architecture (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/arts-architecture/architecture/professional-practice)

School of Art (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/arts-architecture/art)
Home Page: http://www.msuschoolofart.com/
• Master of Fine Arts (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/arts-architecture/art/ma-art)
• Master of Art in Art History (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/arts-architecture/art/ma-art-history)

Jake Jabs College of Business & Entrepreneurship (JJCBE) (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/business)
Home Page: http://www.montana.edu/cob/
• Master of Professional Accountancy (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/business)
Department of Cell Biology and Neuroscience (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/cell-biology-neuroscience)
Home Page: http://www.montana.edu/cbn/grad_program_requirements.html

- Master of Science in Biological Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/cell-biology-neuroscience/ms-biological-sciences)
- Master of Science in Neuroscience (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/cell-biology-neuroscience/ms-neurosciences)
- Doctor of Philosophy in Biological Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/cell-biology-neuroscience/phd-biological-sciences)
- Doctor of Philosophy in Neuroscience (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/cell-biology-neuroscience/phd-neuroscience)

Department of Chemical and Biological Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/chemical-biological-engineering)
Home Page: http://www.cbbe.montana.edu/

- Master of Science in Chemical Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/chemical-biological-engineering/ms-chemical-engineering)
- Master of Science in Environmental Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/environmental-engineering)
- Master of Engineering In Chemical Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/chemical-biological-engineering/master-engineering-chemical-engineering)
- Master of Engineering in Bioengineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/chemical-biological-engineering/master-engineering-bioengineering)
- Doctor of Philosophy in Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/chemical-biological-engineering/phd)
- Doctor of Philosophy in Materials Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry/phd-materials-science)

Department of Chemistry and Biochemistry (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry)
Home Page: http://www.chemistry.montana.edu/graduate/

- Master of Science in Chemistry (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry/ms-chemistry)
- Master of Science in Biochemistry (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry/ms-biochemistry)
- Doctor of Philosophy in Chemistry (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry/phd-chemistry)
- Doctor of Philosophy in Biochemistry (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry/phd-biochemistry)
- Doctor of Philosophy in Materials Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry/phd-materials-science)

Department of Civil Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/civil-engineering)
Home Page: http://www.coe.montana.edu/cd/

- Master of Science in Civil Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/civil-engineering/ms-civil-engineering)
- Doctor of Philosophy in Civil Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/civil-engineering/phd)
- Master of Science in Environmental Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/environmental-engineering)
- Master of Science in Land Rehabilitation (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/environmental-engineering/ms-land-rehabilitation)
- Doctor of Philosophy in Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/chemical-biological-engineering/phd)
  (Options in Environmental Engineering, Civil Engineering, Applied Mechanics)

Department of Computer Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/computer-science)
Home Page: http://www.cs.montana.edu/

- Master of Science in Computer Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/computer-science/ms-computer-science)
- Doctor of Philosophy in Computer Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/computer-science/phd-computer-science)

Department of Earth Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/earth-sciences)
Home Page: http://www.montana.edu/wwwes/programs/graduate.htm

- Master of Science in Earth Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/earth-sciences/ms-earth-sciences)
- Doctor of Philosophy in Earth Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/earth-sciences/phd-earth-sciences)

Department of Ecology (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/ecology)
Home Page: http://www.montana.edu/ecology/

- Master of Science in Biological Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/ecology/ms-biological-sciences)
Montana State University

**Department of Education** (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/education-health-human-development/education)

Home Page: http://www.montana.edu/wwweduc/grad/index.shtml

- Master of Education

- Doctor of Education
  - Educational Leadership (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/education-health-human-development/education/edd-educational-leadership)
  - Educational Specialist in Educational Leadership (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/education-health-human-development/education/eds-educational-leadership)

**Department of Electrical and Computer Engineering** (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/electrical-computer-engineering)

Home Page: http://www.coe.montana.edu/eel/research/eegrad1.htm


- Doctor of Philosophy in Electrical Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/electrical-computer-engineering/phd-electrical-engineering-option)


- Doctor of Philosophy in Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/electrical-computer-engineering/phd-electrical-engineering-option) (Option in Electrical and Computer Engineering)

- Doctor of Philosophy in Materials Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry/phd-materials-science)

**College of Engineering** (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering)

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

**Department of English** (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/english)

Home Page: http://www.montana.edu/english/grad_overview.html

- Master of Arts in English (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/english)

**School of Film and Photography** (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/arts-architecture/film-photography)

Home Page: http://naturefilm.montana.edu/


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


Department of History and Philosophy (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/history-philosophy)
Home Page: http://www.math.montana.edu/wwwhi/
• Master of Arts in History (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/history-philosophy/ma-history)
• Doctor of Philosophy in History (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/history-philosophy/phd-history)

Department of Land Resources and Environmental Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/land-resources-environmental-sciences)
Home Page: http://landresources.montana.edu/
• Master of Science in Entomology (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/land-resources-environmental-sciences/ms-entomology) (Coordinating department)
• Master of Science in Land Rehabilitation (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/land-resources-environmental-sciences/ms-land-rehabilitation)
• Master of Science in Land and Resources Environmental Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/land-resources-environmental-sciences/ms-land-resources-environmental-sciences)
• Doctor of Philosophy in Ecology and Environmental Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/phd-ecology-environmental-sciences)

Department of Mathematical Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/mathematical-sciences)
Home Page: http://www.math.montana.edu/grad/index_future.html
• (http://www.M.montana.edu/grad) Master of Science in Mathematics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/mathematical-sciences/ms-mathematics)
• Master of Science in Mathematics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/mathematical-sciences/ms-mathematics/education-option msmme) (Mathematics Education option)
• Master of Science in Statistics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/mathematical-sciences/ms-statistics)
• Doctor of Philosophy in Mathematics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/mathematical-sciences/phd-mathematics)
• Doctor of Philosophy in Mathematics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/mathematical-sciences/phd-mathematics-education) (Mathematics Education option)
• Doctor of Philosophy in Statistics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/mathematical-sciences/phd-statistics)


Department of Mechanical and Industrial Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/mechanical-industrial-engineering)
Home Page: http://www.coe.montana.edu/mie/
• Master of Science in Mechanical Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/mechanical-industrial-engineering/mechanical-engineering)
• Master of Science in Industrial and Management Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/mechanical-industrial-engineering/mechanical-engineering)
• Doctor of Philosophy in Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/engineering-phd) (Options in industrial Engineering and Mechanical Engineering)
• Doctor of Philosophy in Materials Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry/phd-materials-science)

Department of Microbiology and Immunology (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/microbiology)
Home Page: http://www.montana.edu/mbim/
• M.S. in Immunology and Infectious Diseases (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/immunology-infectious-diseases/ms-immunology-infectious-diseases)
• M.S. in Microbiology, Plan A (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/microbiology/ms-microbiology-plan-a) (Thesis)
• M.S. in Microbiology, Plan B (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/microbiology/ms-microbiology-plan-b) (Professional Paper)
• Ph.D. in Microbiology (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/microbiology/phd-microbiology)
• Ph.D. in Immunology and Infectious Diseases (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/immunology-infectious-diseases/phd-immunology-infectious-diseases)

Molecular BioSciences Program
Home Page: http://mbsp.montana.edu/index.asp

Department of Native American Studies (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/native-american-studies)
Home Page: http://www.montana.edu/wwwnas/
• Master of Arts in Native American Studies (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/native-american-studies/ma-native-american-studies)
• Online Certificate in Native American Studies (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/native-american-studies/online-certificate-native-american-studies)
College of Nursing (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/nursing)
Home Page: http://www.montana.edu/nursing/
• Master of Nursing (MN) (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/nursing/clinical-nurse-leader)
• Doctor of Nursing Practice (DNP) Degree (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/nursing/dnp)
• Nursing Education Certificate (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/nursing/online-certificate-nursing-education) (Non-degree option)

Department of Physics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/physics)
Home Page: www.physics.montana.edu
• Master of Science in Physics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/physics/ms-physics)
• Doctor of Philosophy in Physics (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/physics/phd-physics)
• Doctor of Philosophy in Materials Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry/phd-materials-science)

Department of Plant Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/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/archived-catalogs/2014-2015/graduate/agriculture/plant-sciences-plant-pathology/ms-plant-pathology)
• Master of Science in Plant Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/plant-sciences-plant-pathology/ms-plant-sciences)

Department of Political Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/political-science)
Home Page: http://www.montana.edu/wwwcat/programs/grad_mpa.htm
• Master of Public Administration (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/political-science)

Department of Psychology (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/psychology)
Home Page: http://www.montana.edu/wwwpsy/
• Master of Science in Psychological Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/psychology/ms-psychology-emphasis-psychological-science)

Master of Science in Science Education
Home Page: http://www.montana.edu/mse/
• Master of Science in Science Education (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/ms-science-education)

Interdisciplinary Programs
• Doctor of Philosophy in Ecology and Environmental Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/phd-ecology-environmental-sciences)
• Master of Science in Environmental Engineering (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/engineering/environmental-engineering)
• Master of Science in Health Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/ms-health-sciences)
• Master of Science in Science Education (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/ms-science-education)
• Molecular Biosciences Program (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/molecular-biosciences-program)
• Professional Master of Science and Engineering Management (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/prof-ms-engineering-mgmt-pmsem)
• Post Baccalaureate Pre-Medical Certificate (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/post-baccalaureate-pre-med-cert)
• WWAMI Medical Education Program (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/wwami-medical-program)
• Doctor of Philosophy in Materials Science (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/chemistry-biochemistry/phd-materials-science)

On-Line Options through Extended University
http://eu.montana.edu/online/degrees/

Graduate Programs
• Master of Science in Agricultural Education (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/agricultural-education)
• Master of Education in Curriculum and Instruction (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/education-health-human-development/education/med-curriculum-leadership)
• Master of Science in Land Resources and Environmental Sciences (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/agriculture/land-resources-environmental-sciences/ms-land-resources-environmental-sciences)
• Mathematics Education Option (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/mathematical-sciences/ms-mathematics-education-option-msmme)
• Nursing MN (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/nursing/clinical-nurse-leader)
• Nursing DNP (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/nursing/dnp)
• Master of Science in Science Education (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/ms-science-education)

• Professional Master of Science and Engineering Management (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/interdisciplinary-other-programs/prof-ms-engineering-mgmt-pmse)

**Graduate Certificates**

• Addiction Counseling (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/extended-university/addiction-counseling)

• Architecture, Professional Practice of (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/arts-architecture/architecture/professional-practice)


• Native American Studies (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/letters-science/native-american-studies/online-certificate-native-american-studies)

• Nursing Education (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/nursing/online-certificate-nursing-education)

• School Library Media (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/education-health-human-development/education/school-library-media-graduate-endorsement)

• Science Teaching (http://catalog.montana.edu/archived-catalogs/2014-2015/graduate/extended-university/science-teaching)