UNIVERSITY OF MONTANA

Materials Science PhD Program

Materials Science Program Students

Providing students with an understanding of the theory and techniques of materials science engineering

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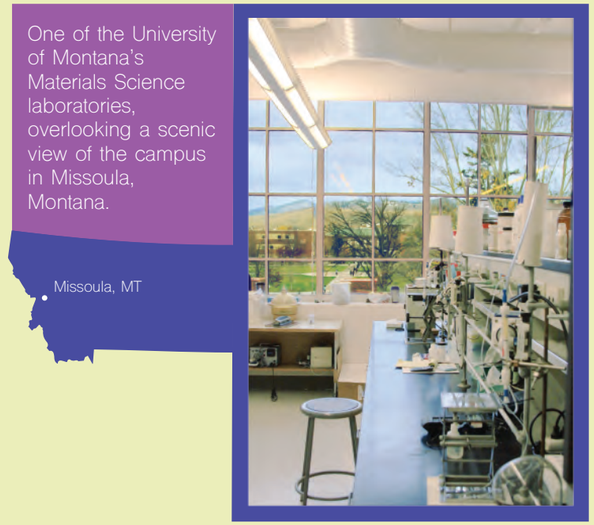
One of the University of Montana's Materials Science laboratories, overlooking a scenic view of the campus in Missoula, Montana.



Contact Us

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Materials Science PhD Program
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University of Montana Website:
umt.edu

Program Curriculum Information:
cehsweb.health.umt.edu/materials-science-phd-program
Email: paulette.jones@umontana.edu

Faculty

Dr. Andrij Holian, *Director*
PhD from Montana State University
Biomaterials
Nanomedicine

Orion Berryman
PhD from University of New Hampshire
Molecular Recognition
Catalysis

Xi Chu
PhD from University of Kansas
Macroscopic Quantum Devices
Dispersion Interactions

David Macaluso
PhD from University of Nevada
Atomic and Molecular Physics

Christopher Palmer
PhD from University of Arizona
Electrokinetic Chromatography

Edward Rosenberg
PhD from Cornell University
Nuclear Magnetic Resonance
Organometallic Chemistry

Sandy Ross
PhD from University of Washington
Biological Fluorescence
Biothermodynamics

Monica Serban
PhD from University of Utah
Medicinal Chemistry

Aaron Thomas
PhD from University of Florida
Chemical Engineering

Materials Science

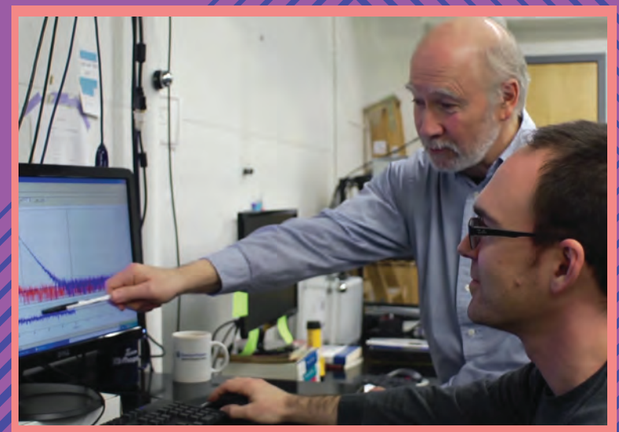
Program Overview

The Materials Science PhD program is designed to provide students maximum flexibility with access to premier facilities and professors at three Montana campuses: the University of Montana, Montana State University and Montana Tech. The program is a collaborative effort between the three campuses.

Participating students take a combination of real time student/instructor interactive classes using video conferencing with a blend of instructors from all three campuses.

Students applying to the Materials Science Program must first determine the campus that best suits their needs and interests. Once the choice has been made, the student then applies to that individual campus for admission.

Students with a background in physics, engineering, biological, biomedical or chemical sciences are encouraged to apply by January 15, annually.



Teaching and research assistantships are available to highly qualified applicants.
Tuition fee waivers are granted to most students.

About UM

Exploring Missoula

The University of Montana is located in beautiful Missoula, a community with a high quality of life featuring abundant recreational opportunities, and is located near Glacier National Park.

Known as the "Garden City" for its dense trees and lush green landscape, Missoula is nestled in the heart of the northern Rockies of Western Montana. A community of nearly 86,000 residents, Missoula lies in a mountain forest setting where five valleys converge, three major rivers flow, and seven nearby wilderness areas offer a paramount playground for outdoor enthusiasts. Missoula offers urban sophistication in a mountain-town setting.

The campus sits at the base of Mount Sentinel, which includes one of the state's most popular hiking trails, and is adjacent to the Clark Fork River. UM's campus also includes a golf course, pool, full fitness center, soccer field, softball field, and track.

The friendly, collaborative nature of the faculty emphasizes one-on-one faculty-student interactions.

Extensive research and graduate training funding allows students to conduct research at the highest levels.

The students and faculty make up a diverse learning community of outdoor enthusiasts, scientists, artists, and writers, from several ethnic, economic, religious, national, and international backgrounds.

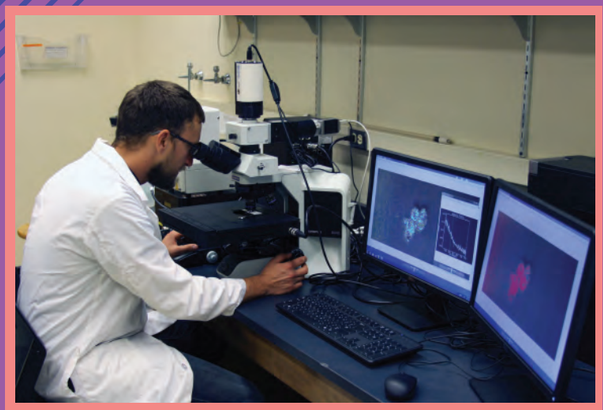
Curriculum

Program Curriculum

The curriculum integrates a broad range of physical science and engineering disciplines with an even broader range of applications, from health and medicine to nanotechnology to energy, the environment and natural resources.

Areas of Research Emphasis

- Biomaterials
- Electronic, photonic and magnetic materials
- Materials for energy storage, conversion and conservation



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MONTANA STATE UNIVERSITY

MontanaTech

www.mtmatsci.org