

2010-2011 Course Catalog

The University Of Montana

Facilities

Information Technology

Information Technology (IT) is a campus service organization that provides computing and communication resources in support of the instructional, research, administrative, and public service activities of The University of Montana. IT maintains and operates complex information systems to support the University's administrative activities and offers a variety of technology support services to assist the University in using the resources and services that IT is responsible for providing. The IT organization consists of the following areas: Campus Computing, Network, Directory and Telecommunication Services, Enterprise Information Systems, and Technology Support Services.

IT Technology Support Services serves as the user interface for the IT organization and includes: IT Central, the designated initial point of contact for all user issues; five general access student computer labs; numerous free, non-credit short courses for faculty, staff, and students; multimedia classroom support and audio visual equipment rentals; and support of The University of Montana's public web presence.

Additional information about IT services and facilities may be obtained at the IT website: <http://www.umt.edu/it> or by contacting IT Central at 243-HELP (x4357).

Montana Forest and Conservation Experiment Station

The Montana Forest and Conservation Experiment Station was established by the Montana Legislature in 1937 as a non-profit organization devoted to scientific investigation of natural resource problems. The station serves as the research unit of The University of Montana School of Forestry with the dean functioning as station director. The station seeks, through its research and publications, to enhance public understanding of forestry and conservation and contribute to responsible management of our nation's natural resources.

The Shafizadeh Rocky Mountain Center for Wood and Carbohydrate Chemistry

The Center is a research facility in the Department of Chemistry and Biochemistry specializing in development of new chemical products from carbohydrates (monosaccharides to polysaccharide) found in grains and wood. Targeted applications include consumer products and environmentally-safe industrial products such as biodegradable synthetic polymers, pharmaceutical components, and materials for industrial processing.

Stella Duncan Memorial Research Institute

The Institute was created initially by a bequest from an alumna of the University; the funds were designated originally for research on the cause and treatment of bronchial

asthma. Asthma is intimately associated with immune response, which involves Somatic Hypermutation. We have recently discovered the *in vivo* mechanism of mutagenesis applicable to mutagenesis in Somatic Hypermutation, in the tumor suppressor gene *p53*, responsible for most human cancers, and in all other mutable systems. A manuscript describing this mechanism is under review. Our basic research in this area has led to a deeper understanding of the mechanisms underlying mutagenesis essential to the immune response, which could open new avenues in the field, including treatments that counteract or modify hypersensitive responses in people with allergic asthma.

Institute for Tourism and Recreation Research

The Institute was created by the Montana University System Board of Regents in June 1987 to conduct the travel research authorized by the 1987 Legislature. The Institute is the research arm for Montana's travel and recreation industry; its mission is to conduct research that will strengthen the travel component of the state's economy.

Wilderness Institute

The Institute seeks to encourage and support teaching, research and outreach programs focusing on wilderness. The Institute administers the Wilderness and Civilization program of interdisciplinary undergraduate education, a program leading to the Wilderness Studies minor (see the School of Forestry).