

# MONTANA UNIVERSITY SYSTEM

## Science Technology Engineering Mathematics (STEM) and Healthcare majors

STEM Disciplines are determined by using a combined list from the National Science Foundation (NSF) and the National Center for Education Statistics (NCES) and including Healthcare by including all Majors with a CIP code of 51; based on 2010 CIP codes  
source: Stem majors declared in last 3 years at each campus

### 4-year Campuses

#### **MSU Billings**

Biology  
Biology Environmental Sci Opt  
Biology Medical Lab Sci Option  
Broadfield Science  
Chemistry  
Environmental Studies  
Health Administration  
Health & Human Performance  
Mathematics  
Nursing BS  
Pre Prof Engineering  
Pre Prof Medicine  
Pre Prof Nursing  
Pre Prof Pharmacy  
Pre Prof Physical Therapy  
Psychiatric Rehabilitation  
Rehabilitation & Related Serv

#### **MSU Bozeman**

Animal Science  
Aviation  
Biochemistry: Pre-Med  
Bioengineering  
Biological Engineering  
Biological Sciences  
Biotechnology  
Cell Biology and Neuroscience  
Chemical Engineering  
Chemistry  
Civil Engineering  
Computer Engineering  
Computer Science  
Construction Engineering Tech  
Earth Sciences  
Electrical Engineering  
Environmental Design  
Environmental Dsgn Foundations  
Environmental Engineering  
Environmental Horticulture  
Environmental Sciences  
General Engineering  
Health & Human Performance  
Industrial/Management Sys Eng  
Land Rehabilitation  
Mathematics  
Mechanical Engineering  
Mechanical Engineering Tech  
Microbiology  
Nat Resources/Rangeland Ecol  
Nursing  
Physics  
Plant Science

Pre-Medical Certificate  
Pre-Medicine  
Pre-Nursing  
Pre-Veterinary Med Certificate  
Pre-Veterinary Medicine  
Sustainable Food and Bioenergy

#### **MSU Northern**

Biology  
Design Drafting Technology  
Electrical Technology  
Eng Tech: Civil Engineer Tech  
Nursing  
Pre-BSN  
Pre-Nursing ADN  
Water Qlty Wastewater Collect  
Water Qlty Water Treatment  
Water Qlty Wastewater Treatment

#### **MT Tech**

Applied Hlth & Safety Sciences  
Biological Sciences  
Chemistry  
Civil Engineering  
Comp Net & Cybersecurity  
Computer Science  
Data Science  
Electrical Engineering  
Environmental Engineering  
Exercise and Health Science  
Freshman Engineering  
General Engineering  
General Science  
Geological Engineering  
Geophysical Engineering  
Geophysics  
Health Care Informatics  
Mathematical Sciences  
Mechanical Engineering  
Metallurgical & Materials Engr  
Mining Engineering  
Network Technology  
Nursing  
OCC Safety & Health  
Petroleum Engineering  
Pre-Nursing  
Software Engineering  
Statistics

#### **UM Missoula**

Biochemistry  
Biology  
Chemistry  
Commun Sci & Disorders  
Computational Biochemistry  
Computer Sci-Mathematical Sci  
Computer Science

Ecological Restoration  
Ecosystem Science & Restoration  
Enviro Sci and Sustainability  
Environmental Studies  
Forestry  
Geographic Information Systems  
Geosciences  
Health & Human Performance  
Integrative Physiology  
Management Information Systems  
Mathematical Sci-Computer Sci  
Mathematics  
Medical Laboratory Science  
Medical Technology Microbiology  
Neuroscience  
Parks, Tourism & Rec Management  
Pharmaceutical Sciences  
Pharmacy  
Physics  
Pre-Engineering  
Pre-Nursing  
Pre-Pharmacy  
Pre-Prof-Phys Therapy  
Public Health  
Resource Conservation  
Speech Lang Path Audio Asst  
Wildlife Biology  
**UM Western**  
Biology  
Ecology  
Environmental Interpretation  
Environmental Science  
Environmental Sustainability  
Interdisciplinary Social Sci  
Mathematics

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### 2-year Campuses

#### **All 2-year Colleges**

Transfer student with STEM emphasis

#### **City College at MSUBillings**

Comp Desktop/Network Support  
Comp Prog & App Development  
Computer Systems Technology  
CyberSecurity/Network Tchnlgy  
Energy Technician  
Instrument and Electrical Tech  
Med Coding & Insurance Billing  
Medical Administrative Asst  
Networking Technology  
Nursing  
Paramedic  
Paramedic: Trauma  
Practical Nursing  
Pre Prof Dental Hygiene  
Pre Surgical Tech  
Process Plant Technology  
Radiologic Technology  
Sustainable Energy Technician  
Ultrasound Technology

#### **Dawson Community College**

Animal Science Livestock Production  
Chemical Dependency Counseling  
Corrosion Technology

#### **Flathead Valley CC**

Nursing--ASN  
Pre-Medical Assistant--AAS  
Pre-Medical Assistant--CAS  
Pre-Nursing--ASN  
Pre-Paramedicine--AAS  
Pre-Pharmacy Technology--CTS  
Pre-Physical Therapist Assista  
Pre-Practical Nursing--AAS  
Pre-Practical Nursing--CAS  
Pre-Radiologic Technology--AAS  
Pre-Surgical Technology--AAS  
Substance Abuse Counseling  
Substance Abuse Counseling--AA  
Surgical Technology

#### **Gallatin College MSU**

Aviation  
Design Drafting Technology  
Health Information Coding  
Medical Assistant  
Photonics and Laser Technology

#### **Great Falls College MSU**

CIT - Info Systems Support  
CIT - Microcomputer Support  
CIT - Network Support  
CIT-Network Support & Security  
Computer Assistant  
Computer Programming  
Cybersecurity AAS  
Cybersecurity CTS  
Dental Assistant  
Dental Hygiene  
EMT/Pre-Paramedic  
Health Information Coding Spec  
Health Information Technology  
Industrial Technician AAS  
Industrial Technician CAS  
Medical Assistant  
Paramedic  
Phlebotomy/Pre-Med Assistant  
Physical Therapist Assistant Practical  
Nurse CAS  
Pre-Dental Assisting  
Pre-Dental Hygiene  
Pre-Medical Assistant  
Pre-Paramedic AAS  
Pre-Physical Therapist Asst  
Pre-Practical Nurse CAS  
Pre-Registered Nurse  
Pre-Respiratory Care  
Pre-Surgical Technology  
Registered Nurse  
Renewable Energy Technician  
Respiratory Care  
Surgical Technology

#### **Helena College UM**

Computer Technology  
LPN Pre-Nursing  
Medical Admin Support  
Medical Admin Support Management  
Medical Assistant  
Nursing  
Practical Nursing  
Pre-Pharmacy

#### **Highlands College of MT Tech**

Behavioral Health Tech  
Civil Engr Technology  
Comp Net & Cyber Security Drafting  
Technology  
Health Care Informatics  
Land Surveying  
Medical Assistant  
Network Technology

#### **Nurse Assistant**

Pre-Radiologic Technology  
PreSurgical Technology  
Radiologic Technology  
Web Development & Administr.

#### **Miles Community College**

Ag & Natural Resources Pathway  
Allied Health  
Animal Science Livestock Mgmt  
Animal Science Pre-Vet  
Graphic and Web Design  
Healthcare Informatics Natural  
Resource & Range Mgmt  
Networking and PC  
Maintenance Nursing  
Pharmacy Technician  
Phlebotomy  
Pre Engineering Technology  
Wildlife and Fisheries Biology

#### **Missoula College UM**

Addiction Studies  
Computer Aided Design  
Computer Support  
Computer Support Specialist  
Cybersecurity  
Energy Technology  
Health Information Technology  
Information Technology Medical  
Assisting  
Medical Claims Specialist  
Medical Information Technology  
Medical Reception  
Paramedicine  
Pre-Medical Assisting  
Pre-Nursing - MC  
Pre-Paramedicine  
Pre-Radiologic Technology  
Pre Respiratory Therapy Tech  
Pre-Surgical Technology  
Radiologic Technology  
Registered Nursing  
Respiratory Care  
Surgical Technology

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### MT Tribal Colleges

#### **Blackfeet Community College**

Computer and Information Sciences  
Emergency Medical Technology Health Services/Allied Health  
Medical Insurance Coding Specialist  
Pre-Engineering  
Registered Nursing  
Science Technologies  
Substance Abuse/Addiction Counseling

#### **Chief Dull Knife College**

Health Professional/Clinical Sciences

#### **Aaniiih Nakoda College**

Computer and Information Sciences  
Environmental Science  
Health Services/Allied Health  
Registered Nursing

#### **Fort Peck Community College**

Biomedical Sciences  
Computer Graphics  
Environmental Science  
Information Technology  
Pre-Engineering  
Pre-Nursing Studies  
Substance Abuse/Addiction Counseling  
Web Page/Multimedia Design

#### **Little Big Horn College**

Agriculture  
Biological Sciences  
Community Health Services/Counseling  
Environmental Health  
Environmental Science  
Information Technology Management  
Information Systems Mathematics  
Natural Resources/Conservation  
Pre-Engineering  
Pre-Medical Studies  
Pre-Nursing Studies  
Range Science and Management  
Substance Abuse/Addiction Counseling

#### **Salish Kootenai College**

Cellular and Molecular Biology  
Dental Assistant  
Forest Resources and Management  
Health Services/Allied Health  
Hydrology & Water Resources Science

Information Technology

Medical Office Assistant

Pre-Engineering

Registered Nursing

Substance Abuse/Addiction Counseling

Web Page/Multimedia Design

Wildlife, Fish, and Wildlands Science

#### **Stone Child College**

Behavioral Aspects of Health Community

Health Services/Counseling Community

Health/Preventive Medicine

Computer and Information Sciences

Engineering Technology

Environmental Science

Health Services/Allied Health

Industrial Technology

Mathematics

Medical Preparatory Programs

Natural Resources/Conservation

Pre-Nursing Studies

Psychiatric/Mental Health Services

Science Technologies

Substance Abuse/Addiction Counseling

Water Quality and Wastewater Treatment