

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
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
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

Cyber Security/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

GreatFallsCollegeMSU

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

HelenaCollegeUM

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

Pre-Surgical 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



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

Computer and Information Sciences
Environmental Science
Health Services/Allied Health
Registered Nursing
& Little Big Horn 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
O # #
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