# 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; Tribal college majors are determined by NCES IPEDS data for degrees awarded; 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 Nursing
- Pre Prof Pharmacy
- Pre Prof Physical Therapy
- Psychiatric Rehabilitation
- Rehabilitation & Related Serv

**MSU Bozeman**
- Animal Science
- Architecture (Environ Dsgn Fndns)
- Aviation
- Biochemistry: Pre-Med
- Bioengineering
- Biological Engineering
- Biomedical Engineering
- Biotechnology
- Cell Biology and Neuroscience
- Chemical Engineering
- Chemical Sciences
- Civil Engineering
- Community Health
- Computer Engineering
- Computer Science Construction
- Engineering Tech Early
- Childhood Ed & Child Svcs Earth Sciences
- Electrical Engineering
- Environmental Design Environ Dsgn Fndns (Architecture)
- Environmental Engineering
- Environmental Horticulture
- Environmental Sciences Family and Consumer Sciences
- Financial Engineering
- Food and Nutrition
- General Engineering
- Health Enhancement K-12
- Health & Human Performance
- Human Dev and Family Science
- Industrial/Management Sys Eng
- 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 QltyWastewater Treatment

**MT Tech**
- Applied Hlth & Safety Sciences
- Biological Sciences
- Biology
- 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
- Software Engineering
- Statistics

**UM Missoula**
- Biochemistry
- Biology
- Chemistry
- Commun Sci & Disorders
- Communicative Sci Dis Leveling
- Computational Biochemistry
- Computer Sci-Mathematical Sci
- Computer Science
- Ecological Restoration
- Ecosystem Science & Restoration
- Enviro Sci and Sustainability
- Environmental Studies
- Geographic Information Systems
- Geosciences
- Health & Human Performance
- Integrative Physiology
- Management Information Systems
- Mathematical Sci-Computer Sci
- Mathematics
- Medical Laboratory Science
- Microbiology
- Neuroscience
- Pharmaceutical Sciences
- Pharmacy
- Physics
- Pre-Engineering
- Pre-Medical Sciences
- Pre-Nursing
- Pre-Pharmacy
- Pre-Prof-Phys Therapy
- Public Health
- Resource Conservation
- Speech Lang Path Audio Asst
- Sustainability Science Practice
- Wildlife Biology

**UM Western**
- Biology
- Ecology
- Environmental Interpretation
- Environmental Science
- Environmental Sustainability
- Interdisciplinary Social Sci
- Kinesiology
- Mathematics
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2-year Campuses

All 2-year Colleges
Transfer student with STEM emphasis

City College at MSU Billings
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
Nursing
Paramedic
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-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
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 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
Paramedic
Physical Therapist Assistant
Practical Nurse CAS
Pre-Dental Assisting
Pre-Dental Hygiene
Pre-Paramedic AAS
Pre-Physical Therapist Asst
Pre-Practical Nurse CAS
Pre-Registered Nurse
Pre-Respiratory Care
Pre-Respiratory Therapy
Pre-Surgical Technology
Registered Nurse
Renewable Energy Technician
Surgical Technology

Helena College UM
Computer Technology
LPN Pre-Nursing
Medical Admin Support
Medical Admin Support Management
Medical Assistant
Nursing
Practical Nursing
Pre-Pharmacy
Software Development

Highlands College of MT Tech
Civil Engr Technology
Comp Net & Cyber Security
Drafting Technology
Health Care Informatics
Land Surveying
Medical Assistant
Network Technology

Miles Community College
Ag & Natural Resources Pathway
Allied Health
Animal Science Livestock Mgmt
Animal Science Pre-Vet
Computer Tech Management
Graphic Design Assistant
Graphic and Web Design
Healthcare Informatics
Natural Resource & Range Mgmt
Networking Technician
Networking and PC Maintenance
Phlebotomy
Pre Engineering Technology
STEM Pathway
Wildlife and Fisheries Biology

Missoula College UM
Addiction Studies
Computer Aided Design
Computer Support
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**
- Health Services/Allied Health
- Hydrology and Water Resources Science
- Pre-Engineering
- Registered Nursing
- Science Technologies
- Substance Abuse/Addiction Counseling

**Chief Dull Knife College**
- Health Professional/Clinical Sciences
- Substance Abuse/Addiction Counseling

**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 Clinical Assistant
- 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 Prepatory Programs
- Natural Resources/Conservation
- Pre-Nursing Studies
- Psychiatric/Mental Health Services
- Science Technologies
- Sports Kinesiology
- Substance Abuse/Addiction Counseling
- Water Page/Multimedia Design
- Wildlife, Fish, and Wildlands Science