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

<table>
<thead>
<tr>
<th>4-year Campuses</th>
<th>4-year Campuses</th>
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<tbody>
<tr>
<td><strong>MSU Billings</strong></td>
<td><strong>MSU Northern</strong></td>
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<tr>
<td>Biology</td>
<td>Biology</td>
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<tr>
<td>Biology Environmental Sci Opt</td>
<td>Design Drafting Technology</td>
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<td>Biology Medical Lab Sci Option</td>
<td>Electrical Technology</td>
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<tr>
<td>Broadfield Science</td>
<td>Eng Tech: Civil Engineer Tech</td>
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<tr>
<td>Chemistry</td>
<td>Nursing</td>
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<td>Environmental Studies</td>
<td>Pre-BSN</td>
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<td>Health Administration</td>
<td>Pre-Nursing ADN</td>
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<td>Health &amp; Human Performance</td>
<td>Water Qlty Wastewater Collect</td>
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<td>Mathematics</td>
<td>Water Qlty Water Treatment</td>
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<tr>
<td>Nursing</td>
<td>Water QltyWastewater Treatment</td>
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<tr>
<td>Pre Prof Engineering</td>
<td><strong>MT Tech</strong></td>
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<tr>
<td>Pre Prof Nursing</td>
<td>Applied Hlth &amp; Safety Sciences</td>
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<tr>
<td>Pre Prof Pharmacy</td>
<td>Biological Sciences</td>
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<tr>
<td>Pre Prof Physical Therapy</td>
<td>Biology</td>
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<tr>
<td>Psychiatric Rehabilitation</td>
<td>Chemistry</td>
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<td>Rehabilitation &amp; Related Serv</td>
<td>Civil Engineering</td>
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<td><strong>MSU Bozeman</strong></td>
<td>Comp Net &amp; Cybersecurity</td>
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<tr>
<td>Animal Science</td>
<td>Computer Science</td>
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<tr>
<td>Architecture (Envir Dsgn Fndns)</td>
<td>Data Science</td>
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<tr>
<td>Aviation</td>
<td>Electrical Engineering</td>
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<td>Biochemistry: Pre-Med</td>
<td>Environmental Engineering</td>
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<td>Bioengineering</td>
<td>Exercise and Health Science</td>
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<td>Biological Engineering</td>
<td>Freshman Engineering</td>
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<td>Biological Sciences</td>
<td>General Engineering</td>
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<td>Biomedical Engineering</td>
<td>General Science</td>
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<td>Biotechnology</td>
<td>Geological Engineering</td>
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<td>Cell Biology and Neuroscience</td>
<td>Geophysical Engineering</td>
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<td>Chemical Engineering</td>
<td>Geophysics</td>
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<td>Chemistry</td>
<td>Health Care Informatics</td>
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<td>Civil Engineering</td>
<td>Mathematical Sciences</td>
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<td>Community Health</td>
<td>Mechanical Engineering</td>
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<td>Computer Engineering</td>
<td>Metallurgical &amp; Materials Engr</td>
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<td>Computer Science</td>
<td>Mining Engineering</td>
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<td>Construction Engineering Tech</td>
<td>Network Technology</td>
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<td>Earth Sciences</td>
<td>Nursing</td>
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<td>Electrical Engineering</td>
<td>OCC Safety &amp; Health</td>
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<td>Environmental Design</td>
<td>Petroleum Engineering</td>
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<td>Environ Dsgn Fndns (Architecture)</td>
<td>Software Engineering</td>
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<td>Environmental Engineering</td>
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<td>Environmental Horticulture</td>
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<td>Environmental Sciences</td>
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<td>Family and Consumer Sciences</td>
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<td>Financial Engineering</td>
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<td>Food and Nutrition</td>
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<td>General Engineering</td>
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<td>Health &amp; Human Performance</td>
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<td>Human Dev and Family Science</td>
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<td>Industrial/Management Sys Eng</td>
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<td>Mathematics</td>
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<td>Mechanical Engineering</td>
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<td>Mechanical Engineering Tech</td>
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<td>Microbiology</td>
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<td>Nursing</td>
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<td>Physics</td>
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<td>Plant Science</td>
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<td>Pre-Medical Certificate</td>
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<td>Pre-Medicine</td>
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<td>Pre-Veterinary Med Certificate</td>
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<tr>
<td>Pre-Veterinary Medicine</td>
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<td>Sustainable Food and Bioenergy</td>
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</tbody>
</table>

**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

Microbiology

Neuroscience

Parks, Tourism & Rec Management

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

Health & Human Performance

Interdisciplinary Social Sci

Kinesiology

Mathematics
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source: Stem majors declared in last 3 years at each campus

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
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--CAS
Pre-Nursing--ASN
Pre-Paramedicine--AAS
Pre-Physical Therapist Assist
Pre-Practical Nursing--AAS
Pre-Practical Nursing--CAS
Pre-Radiologic Technology--AAS
Pre-Surgical Technology--AAS
Substance Abuse Counseling

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
Respiratory Care
Respiratory Therapy
Surgical Technology

Helena College UM
Computer Technology
LPN Pre-Nursing
Medical Admin Support
Medical Admin Support Mngmt
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
Nursing
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
MT Tribal Colleges

Aaniiih Nakoda College
- Computer and Information Sciences
- Ecology
- Environmental Science
- Health Services/Allied Health
- Registered Nursing

Blackfeet Community College
- Geographic Info Science & Cart
- Health Services/Allied Health
- Hydrology & 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

Fort Peck Community College
- Biomedical Sciences
- Computer Graphics
- Environmental Science
- Information Technology
- Pre-Engineering
- Pre-Nursing Studies
- Substance Abuse/Addiction Counseling

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 Preparatory Programs
- Natural Resources/Conservation
- Pre-Nursing Studies
- Psychiatric/Mental Health Services
- Science Technologies
- Substance Abuse/Addiction Counseling
- Water Quality and Wastewater Treatment