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

MSU Bozeman
Animal Science
Architecture (Environ Dsgn Fndns)
Biochemistry: Pre-Med
Bioengineering
Biological Engineering
Biological Sciences
Biomedical Engineering
Biotechnology
Cell Biology and Neuroscience
Chemical Engineering
Chemistry
Civil Engineering
Community Health
Computer Engineering
Computer Science
Construction Engineering Tech
Earth Sciences
Electrical Engineering
Environmental Design
Environ Dsgn Fndns (Architecture)
Environmental Engineering
Environmental Horticulture
Environmental Sciences
Financial Engineering
Food and Nutrition
General Engineering
Health & Human Performance
Human Dev and Family Science
Industrial/Management Sys Eng
Kinesiology
Mathematics

Mechanical Engineering
Mechanical Engineering Tech
Microbiology
Nat Resources/Rangeland Ecol
Nursing
Physics
Plant Science
Pre-Medical Certificate
Pre-Medicine
Pre-Nursing
Sustainable Food and Bioenergy

MSU Northern
Biology
Design Drafting Technology
Electrical Technology
Eng Tech: Civil Engineer Tech
Integrated Health Sciences
Metals Manufacturing
Manufacturing
Nursing
Pre-BSN
Pre-Nursing ADN

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
Geological Engineering
Geophysical Engineering
Mathematical Sciences
Mechanical Engineering
Metallurgical & Materials Engr
Mining Engineering
Network Technology
Nursing
OCC Safety & Health Petroleum
Engineering Software
Engineering

UM Missoula
Audio and Media Design
Biochemistry
Biology
Chemistry

Commun Sci & Disorders
Commun Sci Dis Leveling
Computational Biochemistry
Computer Sci-Mathematical Sci
Computer Science
Cybersecurity
Cybersecurity Management
Digital Design
Earth, Water, Climate Science
Ecosystem Science & Restoration
Enviro Sci and Sustainability
Environmental Studies
Geographic Information Systems
Geosciences
Health & Human Performance
Integrative Physiology
International Field Geos Dual
Management Information Systems
Mathematical Sci-Computer Sci
Mathematics
Medical Laboratory Science
Microbiology
Migration Studies
Neuroscience
Pharmaceutical Sciences
Pharmacy
Physics
Pre-Dental
Pre-Dental Hygiene
Pre-Engineering
Pre-Medical Sciences
Pre-Nursing
Pre-Pharmacy
Pre-Prof-Phys Therapy
Public Health
Resource Conservation
Sound Design & Media Tech
Speech Lang Path/Audio Asst
Speech Lang Pathology Asst
Sustainability Science Practice
Wildlife Biology

UM Western
Biology
Ecology
Environmental Science
Environmental Sustainability
Health & Human Performance
Interdisciplinary Social Science
Kinesiology
Mathematics

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2-year Campuses

All 2-year Colleges
Transfer student with STEM emphasis

City College at MSU Billings
Comp Prog & App Development
Computer Systems Technology
CyberSecurity/Network Support
CyberSecurity/Network Tchnlgy
Diagnostic Medical Sonography
Instrument and Electrical Tech
Med Coding & Insurance Billing
Nursing
Paramedic
Practical Nursing
Pre Prof Dental Hygiene
Pre Respiratory Therapy
Pre Surgical Tech
Process Plant Technology
Radiologic Technology
Ultrasound Technology

Dawson Community College
Agriculture
Animal Science Livestock Production
Chemical Dependency Counseling
Corrosion Technology

Flathead Valley CC
Agriculture and Food Systems
Pre-Medical Assistant--CAS
Pre-Nursing--ASN
Pre-Paramedicine--AAS
Pre-Physical Therapist Assist
Pre-Practical Nursing
Pre-Radiologic Technology--AAS
Pre-Surgical Technology--AAS
Substance Abuse Counseling

Gallatin College MSU
Aviation
Aviation Electronics Tech
Design Drafting Technology
Healthcare Admin Professional
Health Information Coding
Medical Assistant
Phlebotomy
Photonics and Laser Technology

Great Falls College MSU
CIT - Info Systems Support
CIT - Network Support & Security
Computer Programming
Cybersecurity AAS
Dental Assistant
Dental Hygiene
EMT/Pre-paramedicine
Health Information Coding Spec
Health Information Technology
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-Respiratry Therapy
Pre-Surgical Technology
Registered Nurse
Respiratory Therapy
Substance Abuse & Addiction Couns
Surgical Technology

Helena College UM
Computer Technology
LPN Pre-Nursing
Nursing
Practical Nursing
Pre-Pharmacy
Software Development

Highlands College of MT Tech
Civil Engineering Technology
Comp Net & Cyber Security
Radiologic Technology
Web Development & Administr

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

Missoula College UM
Addiction Studies
Bldg Info Modeling & CADD
Clinical Medical Assistant
Computer Aided Design
Cybersecurity
Engineering Technology
Information Tech & Cybersecurity
Information Technology
Medical Assisting
Medical Claims Specialist Medical
Information Technology Medical
Reception Paramedicine
Pre-Health Professions Studies
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

Aaniiih Nakoda College
Behavioral Aspects of Health
Computer and Information Sciences
Ecology
Environmental Science
Health Services/Allied Health
Registered Nursing
Substance Abuse/Addiction Counseling

Blackfeet Community College
Health Services/Allied Health
Hydrology & Water Resources Science
Pre-Engineering
Registered Nursing
Science Technologies
Substance Abuse/Addiction Counseling

Chief Dull Knife College
Substance Abuse/Addiction Counseling

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

Little Big Horn College
Agriculture Biological Sciences
Community Health Services/Counseling
Environmental Health
Envrionmental 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
Computer and Information Sciences
Dental Assistant
Forest Resources and Management
Health Services/Allied Health
Hydrology & Water Resources Science

Information Technology
Medical Clinical Assistant
Medical Office Assistant
Pre-Engineering
Public Health Education
Registered Nursing
Substance Abuse/Addiction Counseling
Web Page/Multimedia Design
Wildlife, Fish, and Wildlands Science

Stone Child College
Computer and Information Sciences
Health Services/Allied Health
Industrial Technology
Kinesiology
Mathematics
Management Information Systems
Mental and Social Health Services
Medical Prepatory Programs
Natural Resources/Conservation
Pre-Engineering
Pre-Nursing Studies
Public Health
Science Technologies
Substance Abuse/Addiction Counseling