

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 Engineering
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
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
General Engineering
General Science
Geological Engineering
Geophysical Engineering
Health Care Informatics
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-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 Interpretation
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 MSUBillings

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 - Microcomputer Support
CIT - Network Support & Security
Computer Programming
Cybersecurity AAS
Dental Assistant
Dental Hygiene
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-Respiratory Therapy
Pre-Surgical Technology
Registered Nurse
Renewable Energy Technician
Respiratory Therapy
Substance Abuse & Addiction Couns
Surgical Technology

Helena College UM

Computer Technology
LPN Pre-Nursing
Medical Admin Support Mngmt
Nursing
Practical Nursing
Pre-Pharmacy
Software Development

Highlands College of MT Tech

Civil Engr 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 Technician
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
Energy 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

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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-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/Medical Prep Programs
Health Services/Allied Health
Industrial Technology
Kinesiology
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