

# 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 Biological Sciences Biomedical  
Engineering Biotechnology  
Cell Biology and Neuroscience  
Chemical Engineering Chemistry  
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 MSUBillings**

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

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