



<p>Overview:</p> <p>Careers in Health Science involve planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</p>	<p>Pathway Options:</p> <ul style="list-style-type: none"> • Diagnostic Services • Therapeutic Services • Health Informatics • Support Services • Biotechnology Research and Development 	<p>Occupation Examples:</p> <p>Athletic Trainer, Certified Nursing Assistant, Clinical Medical Assistant, Dental Assistant/Hygienist, Dental Lab Technician, EMT/Paramedic, Home Health Aide, Licensed Practical Nurse, Massage Therapist, Pharmacist/Pharmacy Technician, Physical Therapist/Assistant, Radiologic Technician, Registered Nurse, Respiratory Therapist, Audiologist, Chiropractor, Dentist, Dietician, Exercise Physiologist, Nurse Practitioner, Occupational Therapist, Optometrist, Physician (MD/DO), Physician's Assistant, Surgical Tech, Speech Language Pathologist, Mammographer, Nuclear Medicine Technologist, Medical Librarian/Cybrarian, Radiologist, Phlebotomist, Medical Technologist/Clinical, Laboratory Scientist, Nutritionist, Pathologist, Veterinarian</p> <p>For a complete listing, go to: http://online.onetcenter.org/find/career?c=4&q=Go</p>
---	--	---

SUGGESTED HIGH SCHOOL COURSES

Based on State Graduation Requirements and Montana College Admissions Criteria: <http://mus.edu/admissions.asp>

For more information, talk to your school counselor

<i>9th</i>	Graduation Requirements 2-Year College Prep	English, Math, Earth Science (lab science), Health Enhancement	<p>Cluster Foundation Courses: Information Technology Introduction to Health Sciences</p> <p>Pathway Courses: AP Biology Anatomy Medical Terminology Microbiology CNA</p> <p>Student Organization(s): HOSA</p>
	4-Year MT College/Univ Prep (Rigorous Core)	English, Algebra I, Earth (lab) Science, Health Enhancement and 3 years of the following: World Language/Computer Science/Visual or Performing Arts/Career & Tech Ed	
	Career-Related Electives	Cluster Foundation Courses	
<i>10th</i>	Graduation Requirements 2-Year College Prep	English, Math, Biology (lab science), Global Studies	
	4-Year MT College/Univ Prep (Rigorous Core)	English, Geometry, Biology, Global Studies, and 3 years of the following: World Language/Computer Science/Visual or Performing Arts/Career & Tech Ed	
	Career-Related Electives	Cluster/Pathway Courses	
<i>11th</i>	Graduation Requirements 2-Year College Prep	English, U.S. History, Visual/Performing Arts	
	4-Year MT College/Univ Prep (Rigorous Core)	English, U.S. History, Algebra II, Chemistry or Physics and 3 years of the following: World Language/Computer Science/Visual or Performing Arts/Career & Tech Ed	
	Career-Related Electives	Pathway Courses	
<i>12th</i>	Graduation Requirements 2-Year College Prep	English, Government	
	4-Year MT College/Univ Prep (Rigorous Core)	English, Government, Social Studies, College Prep Writing, (additional math encouraged), and 3 years of the following: World Language/Computer Science/ Visual or Performing Arts/Career & Tech Ed	
	Career-Related Electives	Pathway Courses	

ADVANCED LEARNING OPPORTUNITIES

High School to College/Career Linkages

Tech Prep courses:

Advanced Placement courses:

Running Start opportunities:

Work-based Learning:

On-line Learning:

MONTANA POSTSECONDARY OPPORTUNITIES

Montana University System Degree and Program Inventory: <http://www.homepage.montana.edu/~mus/drginv/>
Your Guide to Montana's Certificate and Associate Degree Programs: <http://mus.edu/twoyear/YourGuide.html>

Colleges of Technology: BLCOT—Billings; GFCOT—Great Falls; HCOT—Helena; TECHCOT—Butte; UMCOT—Missoula	Community Colleges: DCC—Glendive; FVCC—Kalispell; MCC—Miles City	Tribal Colleges: BFCC—Browning; CDKC—Lame Deer; FBCC—Harlem; FPCC—Poplar; LBHC—Crow Agency; SCC—Box Elder; SKC—Pablo	Four Year Colleges/Universities: MSU—Bozeman; MSUB—Billings; MSUN—Havre; TECH—Butte; UM—Missoula; UMW—Dillon
MILITARY	<ul style="list-style-type: none"> Requires diploma or GED 17 with parental consent; 18 without 	Air Force, Air Guard, Army, Coast Guard, Marines, Navy For more information: http://todaysmilitary.com	
PROFESSIONAL CERTIFICATE	<ul style="list-style-type: none"> Requires diploma or GED Less than 30 credits; little/no general ed credits Complete in one year or less 	Pharmacy Technology—FVCC Medical Receptionist—MCC	
APPRENTICESHIP	<ul style="list-style-type: none"> Requires diploma or GED Must be at least 18 Minimum 2,000 hours of supervised experience 	Pharmacy Technician Respiratory Therapist See the MT Dept of Labor website for more information: http://wsd.dli.mt.gov/apprenticeship/default.asp	
CERTIFICATE OF APPLIED SCIENCE	<ul style="list-style-type: none"> Requires diploma or GED 30-45 credits Limited general education credits Complete in one year or less 	CNA—TEHCOT Dental Assisting—GFCOT, SKC Diagnostic Medical Sonography—TEHCOT EMT/Paramedic—GFCOT Health Information Coding Specialist—GFCOT Medical Billing & Coding—FVCC, BLCOT, GFCOT Medical Office Clerk—SKC Medical Receptionist—TEHCOT, MCOT Medical Transcription—FVCC Pharmacy Technology—MCOT	
ASSOCIATE'S OF APPLIED SCIENCE DEGREE	<ul style="list-style-type: none"> Requires diploma or GED 60-72 credits; includes 15-25 general ed credits Complete in two years (<i>if prepared academically in math and English</i>) 	Dental Hygiene—GFCOT EMT/Paramedic—GFCOT, BLCOT Health Care Informatics—TEHCOT Medical Administrative—MCC, HCOT, BLCOT, TECHCOT, FVCC Medical Assistant—HCOT, GFCOT, MCOT, BLCOT, TECHCOT, FVCC Medical Billing & Coding—GFCOT Medical Transcription—GFCOT Medical/Health Information Technology—MCOT, GFCOT Nursing (R.N.)—TEHCOT, MCC, HCOT, MSUN, BLCOT, MCOT Paramedicine—FVCC Physical Therapist Asst—GFCOT Radiologic Technology—MCOT, BLCOT, GF COT, TECHCOT, FVCC Respiratory Care—GFCOT, MCOT Surgical Technology—FVCC, GFCOT, MCOT	
BACCALAUREATE DEGREE	<ul style="list-style-type: none"> Requires 4-year college prep for admission 128 credits (approximately) Complete in four years 	Athletic Training—UM Communicative Disorders—UM Health Informatics—TECH Medical Technology—UM Nursing—TECH, MSU, MSUN, SKC Occupational Safety & Health—TECH Pre-Med—MSU	