



Career Plan of Study—Baker High School



Pathways Options: Diagnostic Services, Therapeutic Services, Health Informatics, Support Services, Biotechnology Research and Development

Overview: Careers in Health Science involve planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner’s educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.

	9th Grade	10th Grade	11th Grade	12th Grade
High School	*English 9 *Math	*English 10 *Math	*Composition 11/English Electives	*Composition 12/English Electives
	*PE/Health *Computer Apps I	*PE/Health *Biology I	Or AP English	Or AP English
	*Earth Science		*US History *Math	*US Government
	*World History		*Speech	
	Career Electives: Computer Apps, Ag Science	Career Electives: Computer Applications, Algebra II, Child Development, Ag Science	Career Electives: Computer Apps, Chemistry, AP Biology, Anatomy & Physiology, Algebra II, Prob/Stat, Pre-Calculus, Child Dev., Ag Sci.	Career Electives: Physics, AP Biology, AP Calculus, Psychology, Ag Science, Sociology, Anatomy & Physiology
Post-Secondary Degrees	2 Year College/Vo-Tech		College/University	
	Highlands College- Radiologic Tech, Surgical Tech, Medical Assistant, Pharmacy Tech Gallatin College- Medical Assistant Great Falls College —Health Informatics, Pharmacy Tech, Dental Assistant/Hygiene, EMT/Pre-Paramedic, Coding, Billing, Transcription, LPN, Health Information Tech, Med Asst, Phlebotomy, PT Asst., Respiratory Care, Surgical Tech., Emergency Medical Tech City College —Billing & Coding, Paramedic, LPN, RN, Radiologic Tech, Surgical Tech, Medical Admin Asst Helena College —LPN, RN, Medical Asst, Pre-Pharmacy Missoula College —Pharmacy Tech, Coding, PN, RN, Radiologic Tech, Respiratory Care., Surgical Tech, Med Asst WDTI —Health Info Mgmt, Med Assisting, Paramedic, Pharmacy Tech, Phlebotomy, Practical Nursing, CAN, Surgical Tech	Miles CC – RN, Medical Lab Tech., Pharmacy Tech, Phlebotomy, Radiologic Tech FVCC —Pharmacy Tech, Paramedic, Radiologic Tech, Surgical Tech, Emergency Dispatch, Medical Assistant, Medical Admin Assistant, Nursing, PT assistant, Pre-Health Casper —Pharmacy Tech, Occupational Therapy Asst., Nutrition, RN, Respiratory Therapy, Medical Lab Tech, Paramedic, Radiography/CT/MRI, Pre-OT, Pre-Pharm, Health Science Sheridan – Coaching, Athletic Training, Dental Hygiene, Exercise Science, Health Science, Nursing, Personal Trainer, Massage Therapy Powell - RN, C.N.A., LPN , Athletic Training, Allied Health, Pre-OT, Pre-Optometry, Pre-PT, Pre-Pharmacy	BHSU –Exercise Science, Gerontology, Physical Ed Carroll —Nursing, Health Sciences, Pre-Dentistry/Med/Optomety/Pharmacy/PT/PA DSU —Nursing, Exercise Science MSU-B – Athletic Training, Health & Wellness, Human Performance, Pre-Med/ Nursing/Pharmacy/ PT MSU-Food & Nutrition , HHP, Nursing, Pre-Med, Community Health, Family/ Consumer Sci, Health and Human Development, Coding, Coaching MSU-Northern -Nursing, Health Promotion MT Tech —Health Care Informatics, Occ. Safety and Health, Nursing Rocky —Physician Assisting, (graduate) Exercise Science, Athletic Training, Sport Management SDSMT – Pre-Professional Health Science UGF – Pre-Med/Dental/Pharm/PT/Nursing, HHP, Nursing U of M —Athletic Training, Communicative Disorders, Health & Human Performance, Medical Technology, Pharmacy, Public Health, Toxicology U of M Western – Health and Human Performance, Physical Ed U of Mary – Athletic Training, Ex Sci, Healthcare Admin, Nursing, Radiologic Tech, Respiratory Therapy, Sport & Leisure Mgmt, Medical Lab Science	
Activities & Employment	Suggested Extra-Curricular Activities		Suggested Volunteer/Employment Opportunities	
	BPA FCCLA FFA Sports Team Manager Athletics		Certified Nurses Assistant Veterinary Clinic Worker Office Aide Hospital/Clinic Volunteer	

* Required for graduation at BHS



Advanced Learning Opportunities - High School to College/Career Linkages
 Dual Credit: See School Counselor for available opportunities
 Advanced Placement: *See BHS Schedule for AP offerings*
 Online Learning: *Approval of online credits must be obtained from Principal*

Sample Occupations and Degree Areas	Military	Associate's Degree
	<ul style="list-style-type: none"> ◆ Requires High School Diploma or GED ◆ 17 years old with parental consent, 18 without ◆ For more information go to http://todaysmilitary.com 	<ul style="list-style-type: none"> ◆ Requires diploma or GED ◆ 60-72 credits; includes 15-25 general education credits ◆ Complete in 2 years (<i>if prepared academically in math and English</i>) ◆ Examples: Dental Assistant/Hygienist, EMT, Paramedic, Licensed Practical Nurse, Registered Nurse, Billing/Coding/Transcription, Physical Therapy Assistant, Massage Therapist, Radiologic Tech, Surgical Tech,
	Professional Certificate	Bachelor's Degree
	<ul style="list-style-type: none"> ◆ Requires High School Diploma or GED ◆ Less than 30 credits; little/no general education credits ◆ Complete in one year or less ◆ Examples: Certified Nurses Asst., Sonographer, Pharmacy Tech, Receptionist 	<ul style="list-style-type: none"> ◆ Requires 4-year college prep for admission ◆ Approximately 128 credits ◆ Complete in four years ◆ Examples: Athletic Trainer, Registered Nurse, Dietician, Medical Technologist, Clinical Laboratory Scientist, Occupational Safety and Health, Pre-Medicine, Nutritionist
	Apprenticeship	Graduate Degree
	<ul style="list-style-type: none"> ◆ Requires High School Diploma or GED ◆ Must be at least 18 ◆ Minimum 2,000 hours of supervised experience ◆ Examples: Pharmacy Technician, Respiratory Therapist 	<ul style="list-style-type: none"> ◆ Requires education beyond Bachelor's Degree ◆ Examples: Pharmacist, Physical Therapist, Respiratory Therapist, Audiologist, Chiropractor, Dentist, Occupational Therapist, Optometrist, Physician, Physician's Assistant, Speech Language Pathologist, Radiologist, Pathologist, Veterinarian
Certificate of Applied Science		
<ul style="list-style-type: none"> ◆ Requires High School Diploma or GED— Complete in 1 year or less ◆ 30-45 credits; limited general education credits ◆ Examples: Dental Assistant, EMT, Billing & Coding, LPN, Pharmacy Tech 		
Requirements	Baker High School Graduation	Montana University System College Entrance
	4 credits English 3 credits Social Studies 3 credits Math 2 credits Science (1 Physical, 1 Biological) 2 credits PE/Health 1 credit Fine Arts 1 credit Vocational/Practical Arts (.5 must be Document Formatting) .5 credit Speech 5.5 credits Electives TOTAL 22 CREDITS	4 credits English 3 credits Social Studies 3 credits Math (Algebra I, II, and Geometry) 2 credits Science 2 credits Electives Rigorous Core Courses include: 1 additional credit Math 1 additional credit Science 1 additional credit Elective Visit www.mus.edu for further information

For more information regarding **Career Clusters** visit www.careerclusters.org. For more information regarding **Occupations and Higher Education** visit <http://mtcis.intocareers.com>.
 For more information regarding **Job Searches** visit <http://jobs.mt.gov>.