

Career Pathway Plan of Study: Health Science

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

GRADE 9-12 SCOPE AND SEQUENCE PROGRESSION OF LEARNING

TIER 1		TIER 2		TIER 3	
Careers that you can enter with a high school diploma and relevant coursework.		Careers that require some formal training or education beyond high school. Examples would include community college, trade school, technical school, etc.		Careers that frequently require a four year degree or more.	
Examples of Tier 1 Careers: Ambulance Driver/Attendant, Dispensing Optician, Home Health Aide, Personal Care Aide, Pharmacy Aide, Psychiatric Aide		Examples of Tier 2 Careers: Dental Assistant, Dental Hygienist, Dietetic Technician, EMT, Licensed Practical Nurse, Medical Assistant, Medical Records Technician, Paramedic, Pharmacy Technician, Physical Therapist Assistant, Psychiatric Technician, Radiation Therapist, Radiologic Technician		Examples of Tier 3 Careers: Athletic Trainer, Dentist, Dietitian/Nutritionist, Medical Laboratory Technician, Medical Laboratory Technologist, Medical/Health Services Manager, Mental Health Counselor, Occupational Therapist, Pharmacist, Physical Therapist, Physician Assistant, Registered Nurse, Respiratory Therapist, Speech-Language Pathologist	
*For complete job descriptions and requirements, please visit O*NET Online (U.S. Department of Labor)					
TIER 1 FOUR-YEAR PLAN		TIER 2 FOUR-YEAR PLAN		TIER 3 FOUR-YEAR PLAN	
9 th Grade Core Classes	10 th Grade Core Classes	9 th Grade Core Classes	10 th Grade Core Classes	9 th Grade Core Classes	10 th Grade Core Classes
English 1	English 2	English 1	English 2	English 1	English 2
Freshman Writing	Math	Freshman Writing	Math	Freshman Writing	Math
Math	Biology or Chemistry	Math	Biology or Chemistry	Math	Biology or Chemistry
Physical Science or Biology	Civics (1/2 credit)	Physical Science or Biology	Civics (1/2 credit)	Physical Science or Biology	Civics (1/2 credit)
World Studies	Economics (1/2 credit)	World Studies	Economics (1/2 credit)	World Studies	Economics (1/2 credit)
Sport Education (1/2 credit)	Fit for Life or Personal Fitness (1/2 credit)	Sport Education (1/2 credit)	Fit for Life or Personal Fitness (1/2 credit)	Sport Education (1/2 credit)	Fit for Life or Personal Fitness (1/2 credit)
Art or ICT (½ credit)	Health 1 (1/2 credit)	Art or ICT (½ credit)	Health 1 (1/2 credit)	Art or ICT (½ credit)	Health 1 (1/2 credit)
	Art or ICT (½ credit)		Art or ICT (½ credit)	World Language	Art or ICT (½ credit)
					World Language
11 th Grade Core Classes	12 th Grade Core Classes	11 th Grade Core Classes	12 th Grade Core Classes	11 th Grade Core Classes	12 th Grade Core Classes
English 3	English 4 (or English Elective)	English 3	English 4 (or English Elective)	English 3	English 4 (or English Elective)
Math	Math Experience	Math	Math	Math	Math
US History		US History	Physics, Chemistry or Science Experience credit	US History	World Language
Science Experience credit		Physics, Chemistry or Science Experience credit		World Language	Physics, Chemistry or Science Experience credit
				Physics, Chemistry or Science Experience credit	

TIER 1 CAREER PATHWAY PLAN OF STUDY ELECTIVES	TIER 2 CAREER PATHWAY PLAN OF STUDY ELECTIVES	TIER 3 CAREER PATHWAY PLAN OF STUDY ELECTIVES
Anatomy & Physiology (E) (H) *Biotechnology 1 & 2 (U) (H) Child Growth and Development Health 2 *Health Sciences 1 & 2 (U) (H) Human Relations (U) (H) Lifespan Nutrition Sociology (F) (E) (H)	Anatomy & Physiology 1 & 2 (E) (H) *Biotechnology 1 & 2 (U) (H) Child Growth and Development Health 2 *Health Sciences 1 & 2 (U) (H) Human Relations (U) (H) Introduction to Psychology (E) (H) Sociology (F) (E) (H)	Advanced Science Courses Anatomy & Physiology 1 & 2 (E) (H) *Biotechnology 1 & 2 (U) (H) Child Growth and Development Health 2 *Health Sciences 1 & 2 (U) (H) Human Relations (U) (H) AP Psychology Lifespan Nutrition Sociology (F) (E) (H)

*=CTE Program with Nashua Technology Center

Levels: U-Unleveled, F-Foundations, E-Extensions, H-Honors