

North Carolina Career Pathway

(for academic years prior to 2009-2010)

Health Sciences

This pathway prepares workers to deliver health care services to individual patients, clients or groups. They gather information to form diagnoses, develop treatment and care regiments to maintain or improve health, document client/patient care, provide safe and healthy surroundings for the delivery of health care/maintenance, and provide the community with wellness information, resource management, and health education.

Select from the Health Sciences Technologies classes listed below. A student must pass four related vocational classes in a pathway. One of these four courses must be an upper level starred course*.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I	English II	English III	English IV
Math*	Math*	Math*	Math*
Science	Science	Science	Elective
Social Studies	Social Studies	Social Studies	Elective
Health and PE	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

***Math Suggestions for the three Courses of Study listed below**

Career Prep	College Tech Prep	College/University Prep
3 credits Including Algebra I (This requirement can be met with Integrated Math I and II when accompanied with the Algebra I EOC)	3 credits Algebra I, Geometry, Algebra II, OR Algebra I, Technical Math I and II, OR Integrated Math I, II, III	4 credits Algebra I, Geometry, Algebra II, AND higher level math course with Algebra II as prerequisite OR Integrated Math I, II, III and a credit above Integrated Math III

Community College Majors

Diagnostic Services, Cardiovascular Sonography, Computer Tomography & Magnetic Imaging Technology, Cytotechnology, Dentistry, Electroneudiagnotistics Technology, Medical Laboratory Technology, Medical Sonography, Nuclear Medicine Technology, Radiology, Speech-Language Pathology, Veterinary Medicine, Therapeutic Services Associate Degree Nursing (integrated), Associate Degree Nursing (non-integrated), Cardiovascular/Vascular Interventional Technology, Dental Assisting, Dental Hygiene, Dental Laboratory Technology, Dialysis Technology, Emergency Medical Service, Health Care Technology, Human Services Technology, Medical Assisting Technology, Nursing Assistant, Occupational Therapy Assistant, Optical Apprentice, Optical Laboratory Mechanics, Pharmacy Technology, Phlebotomy, Physical Therapist Assistant, Information Services, Environmental Services, Biomedical Equipment Technology, Culinary Technology, Human Services Technology, Customer Service Representative, Housekeeper (commercial, residential, industrial)

College/University Majors

Dentistry, Medical Laboratory Technology, Radiologic Science, Speech-Language Pathology, Veterinary Medicine, Athletic Trainer, Chiropractic Medicine, Medicine, Midwifery, Nursing, Orthotics/Prosthetics, Pharmacy, Physician Assistant, Physical Therapy, Podiatric Medicine, Psychology, Social Work, Substance Abuse, Counselor, Veterinary Medicine, Biostatistics, Computer Science, Health Care Administration, Health Educator, Library Science, Medical Illustrator, Medical Records, Biomedical Engineering, Dietetics and Nutrition, Environmental Health, Epidemiology, Health/Industrial Hygiene, Physics/Radiologic Hygiene, Child Development with concentration in Individual and Family Studies; Child and Family Studies; Consumer Sciences; Criminal Justice; Family and Community Services; Family and Consumer Sciences Education, Family and Consumer Education; Human Development and Family Studies; Psychology; Social Work, Sociology

Electives

Not all classes listed here will be available at each high school.

6411 Computer Applicats I 6512 Keyboarding (H.S.) 7045 Foods & Nutrition 7065 Parenting & Child Dev 7200 Biomedical Technology 7210 Health Team relations 7211 Allied Health Sci I 7212 Allied Health Sci II*	7221 Medical Sciences I 7222 Medical Sciences II* 7296 Health Sci Apprtp Meth* 7299 Health Sci Adv Studies*
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