

CLUSTER: HEALTH SCIENCE
MAJOR: DIAGNOSTICS SERVICES

High School

9
 Algebra 1
 English 1
 Physical Science
 Global Studies
 Computer Science
Emergency Medical Services 1
 Physical Education or Jr. ROTC

10
 Geometry
 English 2
 Biology
 Social Studies Elective
**Introduction to Health Science or
 Emergency Medical Services 2**
 Foreign Language

11
 Algebra 2
 English 3
 Chemistry
 U. S. History
**Health Science Technology 1 or
 Sports Medicine 1 or
 Emergency Medical Services 3**
 Foreign Language

12
 Precalculus
 English 4
 Biology 2 or Chemistry 2
 Economics/Government
**Health Science Technology 2, Sports Medicine 2,
 Emergency Medical Services 4,
 Medical Terminology, and/or
 Pharmacy Technology**

Recommended Electives: Based on a student's career goals and college requirements, the recommended electives may include an additional course in the same foreign language, or specific math, science, or language arts courses.
Note: Core academic courses listed represent the more commonly chosen courses and sequences. Any number of course combinations are possible depending on local school district offerings.

**Piedmont Technical College – Major:
 Radiologic Technology (Associate Degree)**

Freshman

English Composition I 101
 Anatomy and Physiology 1 (BIO 210)
 Introduction to Radiology (RAD 101)
 Patient Care Procedures (RAD 102)
 Patient Care Procedures (RAD 102)
 Radiographic Procedures I (RAD 130)
 Applied Radiography I (RAD 152)

English Composition II 201
 Anatomy & Physiology I (BIO 210)
 Radiographic Imaging I (RAD 110)
 Radiographic Procedures II (RAD 136)
 Applied Radiology II (RAD 165)

Summer Term
 Intermediate Algebra (MAT 102)
 Applied Radiology III (RAD 175)
 Radiation Biology (RAD 201)
 Radiopathic Pathology (RAD 205)

Sophomore

General Psychology 201
 Radiographic Imaging II (RAD 115)
 Radiographic Physics (RAD 121)
 Radiographic Procedures III (RAD 230)
 Advanced Radiology I (RAD 256)

Introduction to Computers (CPT 101)
 Selected Radiographic Procedures (RAD 225)
 Radiology Seminar I (RAD 235)
 Advanced Radiology II (RAD 268)
 Imaging Practicum (RAD 282)

Summer Term
 Radiology Graphic Seminar II (RAD 326)
 Advanced Radiography III (RAD 276)

Source: Piedmont Technical College http://www.ptc.edu/academic/Programs/Associate_in_Health_Science_Radiologic_Tech_Full.htm

**Medical University of South Carolina
 Major: Bachelor of Health Sciences**

Freshman

BHS-470 Professional Seminar
 BHS-348 Health Care and Society
 BHS-448 Interpersonal and Team Communication in Healthcare
 BHS-447 Biomedical Ethics
 BHS-000 ****
 BHS Elective BHS-472 Senior Practicum Prep 1
 BHS-478 * Senior Practicum 3

Sophomore

BHS-347 ** Health Care Delivery Systems
 BHS-455 Managing Health Information
 BHS-465 The Health Professional as Educator
 BHS-466 Instructional Multimedia
 BHS-400 ****
 BHS Elective
 BHS-472 Senior Practicum Prep
 BHS-478 * Senior Practicum

Junior

BHS-449 Leadership and Organizational Change
 BHS-456 Health Data Analysis
 BHS-000 ****
 BHS Elective
 BHS-472 Senior Practicum Prep
 BHS-478 * Senior Practicum

1. Previous professional training

From five to 30 semester hrs will be credited for previous health professional education. A total of 50 hrs of healthcare professional courses, professional science courses, and natural science courses is required.

2. General education courses

Ninety (90) semester hrs of course work (transferred in when approved as college transfer or completed during or after enrollment) are required. Applicants should complete a minimum of 21.0 semester hrs in specific categories prior to admission

Source: University of South Carolina Undergraduate Business Division <http://mooreschool.sc.edu/moore/undergraduate/prospective/ug-sample.htm>

Note: Course requirements and program plans are subject to change based on institution requirements. Check Websites for the latest information.