

**PROGRAM OF STUDY FOR THE A.A.S. DEGREE
IN RADIOLOGIC TECHNOLOGY**

A. Credit Distribution

General Education Requirements	23.0
Major Requirements.....	41.5
Total Credits for A.A.S. Degree.....	64.5

B. General Education Requirements

These courses will introduce and educate students in fundamental areas of knowledge.

English	Credits
ENG 110..... Expository Writing.....	3.0
ENG 111..... Literature and Composition	3.0
Natural Sciences	
BIO 230..... Anatomy and Physiology I & Lab ..	4.0
BIO 240..... Anatomy and Physiology II & Lab .	4.0
Mathematics	
MAT 105..... Mathematics for Allied Health.....	3.0
Health & Human Services	
HLT 103..... Interpersonal Relations	3.0
HLT 124..... Medical Terminology.....	3.0

Total General Education Requirements 23.0

C. Major Requirements

These courses will provide knowledge in both fundamental and advanced areas of the radiologic sciences. They will provide an educational experience that culminates in the production of a competent, professional radiologic technologist who can function effectively as a member of the health care team.

Radiologic Technology	Credits
XRA 110..... Radiography I & Lab	2.5
XRA 111..... Radiologic Science I & Lab.....	2.5
XRA 112..... Radiologic Physics.....	2.0
XRA 113..... Topographic Anatomy I.....	2.0
XRA 114..... Professional Practice Issues in Diagnostic Imaging	2.0
XRA 120..... Radiography II & Lab	2.5
XRA 121..... Radiologic Science II & Lab	2.5
XRA 122..... Radiation Protection	2.0
XRA 123..... Topographic Anatomy II.....	1.0
XRA 124..... Contrast Media	1.0
XRA 129..... Clinical Radiography I.....	2.0
XRA 139..... Clinical Radiography II	3.0
XRA 210..... Radiation Biology.....	1.0
XRA 211..... Advanced Procedures I	1.0
XRA 219..... Clinical Radiography III.....	2.5
XRA 220..... Pathology	2.0
XRA 221..... Advanced Procedures II.....	1.0
XRA 222..... Applied Quality Assurance	2.0
XRA 229..... Clinical Radiography IV.....	2.5
XRA 230..... Seminar	2.0

XRA 239..... Clinical Radiography V	2.5
Total Major Requirements	41.5

Academic Program Planning

The following materials should be used as a guide to design your personal academic plan. Your specific program should be designed with the assistance of an academic advisor.

Pre-Clinical Course Sequence

To progress into the clinical phase of the program, students must meet the following criteria:

- **Minimum cumulative grade point average (GPA) of 3.0 at Hostos.**
- **Successful completion of MAT 105, BIO 230, and BIO 240 with a grade of “B minus” or better and all other required general education courses with a grade of “C” or better.**

Pre-Clinical Requirements	Credits
BIO 230..... Anatomy & Physiology I & Lab	4.0
BIO 240..... Anatomy & Physiology II & Lab.....	4.0
ENG 110..... Expository Writing.....	3.0
ENG 111..... Literature & Composition	3.0
HLT 124..... Medical Terminology.....	3.0
MAT 105..... Mathematics for Allied Health.....	3.0
HLT 103..... Interpersonal Relations	3.0
Total	23.0

Clinical Course Sequence

First Year Fall Semester	Credits
XRA 110..... Radiography I & Lab	2.5
XRA 111..... Radiologic Science I & Lab.....	2.5
XRA 112..... Radiologic Physics.....	2.0
XRA 113..... Topographic Anatomy I.....	2.0
XRA 114..... Professional Practice Issues in Diagnostic Imaging	2.0
Total	11.0

First Year Spring Semester	Credits
XRA 120..... Radiography II & Lab	2.5
XRA 121..... Radiologic Science II & Lab	2.5
XRA 122..... Radiation Protection	2.0
XRA 123..... Topographic Anatomy II.....	1.0
XRA 124..... Contrast Media	1.0
XRA 129..... Clinical Radiography I.....	2.0
Total	11.0

First Year Summer Session	Credits
XRA 139..... Clinical Radiography II	3.0
Total	3.0

Second Year Fall Semester	Credits
XRA 210 Radiation Biology	1.0
XRA 211 Advanced Procedures I	1.0
XRA 219 Clinical Radiography III	2.5
Total	4.5

Second Year Spring Semester	Credits
XRA 220 Pathology	2.0
XRA 221 Advanced Procedures II	1.0
XRA 222 Applied Quality Assurance	2.0
XRA 229 Clinical Radiography IV	2.5
Total	7.5

Second Year Summer Session	Credits
XRA 230 Seminar	2.0
XRA 239 Clinical Radiography V	2.5
Total	4.5