

## ***Allied Health/Science Transfer—A.S. Degree with concentration in Pre-Radiologic Sciences***

The radiologic technologist uses x-rays, high frequency sound waves, magnetic resonance and injected traces of radiopharmaceuticals to provide images of bones, organs and tissues that could not otherwise be seen with the naked eye. These images aid the physician in the diagnosis of disease or injury. Sites for employment include hospitals, private doctors office clinics, emergency care facilities, sports medicine clinics and in industry and research.

Students who want to pursue a career in the radiologic sciences may begin their studies in Manor's Allied Health/Science Transfer A.S. Degree program. The pre-radiologic science student then transfers after two years to an affiliated university to receive a bachelor's degree and sit for a certifying exam.

Students who transfer to Thomas Jefferson University choose two modalities in which to study. Possible options at Jefferson are: Cardiac Sonography, Computed Tomography, General Sonography, Invasive Cardiovascular Technology, Magnetic Resonance Imaging, Medical Dosimetry, Nuclear Medicine, Radiography, Radiation Therapy, Vascular Technology, Education and Health Management.

Students must attain a grade of "C" or better in all science courses. Any student with a grade of "D" or "F" in any one of these courses will be required to repeat the course. Students who have a cumulative GPA < 2.0 for two successive semesters may be dismissed from the program.

### **Suggested Course Sequence**

<b>First Semester</b>	<b>Credits</b>
BI 101 Biology I	4
CH 101 Chemistry I	4
EN 101 Fundamentals of Composition I	3
Mathematics (excluding MH 101 or MH 102; MH 103 Algebra recommended)	3
Religion elective	3
	17
<b>Second Semester</b>	
Science Elective (CH 102 Chemistry II recommended for Nuclear Medicine option)	3/4
Social Science Elective (PS 101 Intro to Psychology recommended)	3
EN 102 Fundamentals of Composition II	3
Elective (MH 104 Algebra & Trigonometry or MH 201 Calculus recommended)	3
PL 100 Philosophy and the Human Condition	3
	15/16
<b>Third Semester</b>	
BI 201 Anatomy & Physiology I	4
Computer Science Core (Required CS 105 or CS 106)	3
Science Elective (PH 201 Physics I recommended)	4
Electives (EN 103 Effective Oral Communication & BI 204 Medical Terminology recommended)	6/7
	17/18
<b>Fourth Semester</b>	
BI 202 Anatomy & Physiology II	4
Social Science Elective (Sociology recommended)	3
Electives (PH 202 Physics II recommended for Medical Dosimetry and Nuclear Medicine option; MH 203 Statistics recommended)	6/7
History Elective (HS 105 History of Culture, Race, & Ethnicity recommended)	3
	16/17
<b>Total Credits</b>	<b>65</b>