

## Magnetic Resonance Imaging AAS Degree - Plan of Study Fall 2024

### Pre-Requisite Semester

|                        |   |   |          |
|------------------------|---|---|----------|
| *BIOL 2301 & BIOL 2101 | Anatomy & Physiology I Lecture & Lab  | 4 |          |
| MATH 1314              | College Algebra   | 3 |          |
| ENGL 1301              | Composition I   | 3 |          |
| *SCIT 1420             | Physics for Allied Health<br>or PHYS 1301 & PHYS 1101 College Physics Lecture & Lab | 4 |          |
|                        |   |   | 14 Hours |

### 1<sup>st</sup> Semester/Fall 2024

|                   |   |   |          |
|-------------------|---|---|----------|
| *BIOL 2302 & 2102 | Anatomy and Physiology II Lecture and Lab                                   | 4 |          |
| X3XX              | Language, Philosophy, and Culture (Humanities) or Creative Arts (Fine Arts) | 3 |          |
| RADR 1303         | Patient Care  | 3 |          |
| HPRS 1206         | Essentials of Medical Terminology   | 2 |          |
|                   |   |   | 12 Hours |

### 2<sup>nd</sup> Semester/Spring 2025

|           |  |   |          |
|-----------|--|---|----------|
| RADR 2340 | Sectional Anatomy                        | 3 |          |
| MRIT 2330 | Principles of Magnetic Resonance Imaging | 3 |          |
| MRIT 1471 | MRI Procedures                           | 4 |          |
| MRIT 2260 | Clinical - Radiologic Technology         | 2 |          |
|           |  |   | 12 Hours |

### 3<sup>rd</sup> Semester/Summer 2025

|           |  |   |          |
|-----------|--|---|----------|
| MRIT 2334 | MRI Equipment and Methodology          | 3 |          |
| MRIT 2355 | Magnetic Resonance Imaging and Physics | 3 |          |
| MRIT 2461 | Clinical - Radiologic Technology       | 4 |          |
|           |  |   | 10 Hours |

### 4<sup>th</sup> Semester/Fall 2025

|             |  |   |          |
|-------------|--|---|----------|
| MRIT 2462   | Clinical - Radiologic Technology Science | 4 |          |
| MRIT 2274   | MRI Pathology                            | 2 |          |
| **MRIT 2375 | MRI Technology Seminar                   | 3 |          |
| PSYC 2301   | General Psychology                       | 3 |          |
|             |  |   | 12 Hours |

**Associate of Applied Science 60 HOURS**

\*BIOL 2301 & 2101 and BIOL 2302 & 2102 must have been completed within 5 years of program start date.

\*SCIT 1420 must have been completed within 5 years of program start date.

\*BIOL 2301 & 2101 and SCIT 1420 may be in progress at the time of application. If selected, the selection would be provisional based on successful completion with a C or higher in the enrolled course and prior to program admission date.

\*\*MRIT 2375 - Capstone Course - Eligibility to take the American Registry of Radiologic Technologists (ARRT) MRI certification exam.