



ARKANSAS STATE
UNIVERSITY

Eight-Semester Degree Plan
Bachelor of Science
Major in Radiologic Sciences
Emphasis in MRI w/ CT Certificate
2021-2022

| Year 1 | | | | | | | |
|---------------------|-------------------------------------|-----|--------|---------------------|-----------------------------------|-----|--------|
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| ENG 1003 | English 1 | 3 | x | ENG 1013 | English II | 3 | |
| MATH 1023 | College Algebra | 3 | x | BIO 2223 | Anatomy and Physiology II | 3 | |
| RT 1002 | Making Connections | 2 | | BIO 2221 | Anatomy and Physiology Lab II | 1 | |
| BIO 2103 | Anatomy and Physiology I | 3 | x | RAD 3103 | Intro to Radiography | 3 | |
| BIO 2101 | Anatomy and Physiology Lab I | 1 | x | RAD 3113/3111 | Radiographic Procedures I & Lab | 4 | |
| PSY 2013 | Intro to Psychology | 3 | x | RAD 3122 | Radiation Physics and Imaging | 2 | |
| RAD 2001 | Intro to Medical Imaging | 1 | | | | | |
| Total Hours: | | 16 | | Total Hours: | | 16 | |
| Summer Semester | | | | | | | |
| Course No. | Course Name | Hrs | Gen Ed | | | | |
| RAD 3203/3201 | Radiographic Procedures II & lab | 4 | | | | | |
| RAD 3232 | Radiography Clinical I | 2 | | | | | |
| RAD 3223 | Sectional Anatomy | 3 | | | | | |
| | Physical Science (choose from list) | 4 | x | | | | |
| Total Hours: | | 13 | | | | | |
| Year 2 | | | | | | | |
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| RAD 3213 | Image Acquisition & Evaluation I | 3 | | RAD 3202 | Imaging Equipment | 2 | |
| RAD 4103 | Radiographic Procedures III | 3 | | RAD 4113 | Image Acquisition & Evaluation II | 3 | |
| RAD 4101 | Radiographic Procedures III Lab | 1 | | RAD 4203 | Radiography Clinical III | 3 | |
| RAD 4132 | Radiobiology | 2 | | RAD 4142/4141 | Radiographic Procedures IV & Lab | 3 | |
| RAD 4143 | Radiography Clinical II | 3 | | HP 2103 | Medical Terminology | 3 | |
| COMS 1203 | Oral Communication | 3 | x | | U.S. History or Gov't | 3 | x |
| | | | | | | | |
| Total Hours: | | 15 | | Total Hours: | | 17 | |
| Summer Semester | | | | | | | |
| Course No. | Course Name | Hrs | Gen Ed | | | | |
| RAD 4213 | Radiography Clinical IV | 3 | | | | | |
| RAD 4123 | Imaging Pathology | 3 | | | | | |
| RSMR 4703 | MRI Safety & Instrumentation | 3 | | | | | |
| | Social Science (choose from list) | 3 | x | | | | |
| Total Hours: | | 12 | | | | | |

| Year 3 | | | | | | | |
|-----------------|--------------------------------|---------------------------------|--------|-----------------|---------------------------------|----------------------------|--------|
| Fall Semester | | | | Spring Semester | | | |
| Course No. | Course Name | Hrs | Gen Ed | Course No. | Course Name | Hrs | Gen Ed |
| RS 4623 | CT Instrumentation | 3 | | RS 4633 | CT Procedures | 3 | |
| RSMR 4723 | MRI Procedures I | 3 | | RSMR 4733 | MRI Procedures II | 3 | |
| RSMR 4803 | MRI Physical Principles I | 3 | | RSMR 4813 | MRI Physical Principles II | 3 | |
| RSMR 4753 | MRI Clinical Education I | 3 | | RSMR 4823 | Data Acquisition and Processing | 3 | |
| | Fine Arts (Choose from list) | 3 | x | RSMR 4763 | MRI Clinical Education II | 3 | |
| | | Total Hours: | 15 | | | Total Hours: | 15 |
| Summer Semester | | | | | | | |
| Course No. | Course Name | Hrs | Gen Ed | | | | |
| RS 4643 | CT Clinical Education – OR – | 3 | | | | | |
| RSMR 4773 | MRI Clinic Education III | | | | | | |
| RSMR 4712 | Imaging Information Management | 2 | | | | | |
| RSMR 4833 | Advanced MRI Imaging | 3 | | | | | |
| | Humanities (choose from list) | 3 | x | | | | |
| | | Total Hours: | 11 | | | | |
| | | Total Upper-Level Hours: | 82 | | | Total Degree Hours: | 130 |

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper-level credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. **Failure to participate in required assessments may delay graduation.**

Additional Graduation Requirements: