

**Medical Imaging  
Bachelor of Health Science (B.H.S.)  
2020-2021**

**Program Admission Requirements:**

|  |  |
|--|--|
|  | Associate’s degree or higher in a healthcare program from an approved Allied Health program. The following are examples of acceptable health care programs: <ul style="list-style-type: none"> <li>• Respiratory Therapy</li> <li>• Radiologic Technology</li> <li>• Physical Therapist Assistant</li> <li>• Occupational Therapy Assistant</li> </ul> |
|  | Provide documentation that you are credentialed, licensed, or registered in a healthcare profession.   |
|  | You must have a cumulative GPA of 2.50 and Washburn GPA of 2.25 (if applicable) on a 4.00 scale.   |

**Completed Certificate from one of the following:**

|  |  |
|--|--|
|  | Diagnostic Medical Sonography - Cardiac  |
|  | Diagnostic Medical Sonography – General  |
|  | Diagnostic Medical Sonography – Vascular |

**Required Course:** 3 credit hours:

|  |                      |
|--|----------------------|
|  | AL 320 Human Disease |
|--|----------------------|

**Required Related Courses for Major:** 9 credit hours in the department, please choose from the following:

|  |   |
|--|---|
|  | AL 366 Legal & Regulatory Issues for the Health Care Professional |
|  | AL 367 Foundations of Quality Improvement in Health Care          |
|  | AL 375 Health Care Policy   |
|  | AL 399 Health Information Systems                                 |
|  | AL 400 Supervisory Practices for the Health Care Professional     |
|  | AL 405 Financial Issues in Health Care                            |
|  | AL 420 Current Issues in Health Care                              |
|  | AL 450 Application of Quality Improvement in Health Care          |
|  | AL 460 Research in Health Care                                    |

**General Education Requirements (BHS):**

| Humanities (9)<br>(GEHU/GECPA)<br>(Max 6 hours/<br>discipline) | Course<br>Number | Social Sciences (9)<br>(GESS)<br>(Max 6 hours/<br>discipline) | Course<br>Number | Natural Sciences/<br>Mathematics (9)<br>(GENS)<br>(Max 8 Hours or 2<br>Courses/Discipline) | Course<br>Number |
|--|------------------|---|------------------|--|------------------|
| Fine Arts (3)  |                  | Soc. Science 1 (3)  |                  | Nat. Science 1 (3-5)   |                  |
| Humanities 1 (3)   |                  | Soc. Science 2 (3)  |                  | Nat. Science 2 (3-5)   |                  |
| Humanities 2 (3)   |                  | Soc. Science 3 (3)  |                  | Nat. Science 3 (3-5)   |                  |

**Core University/BHS-Specific Requirements:**

|                                       |  |  |  |
|---------------------------------------|--|--|--|
| WU 101 (3)*                           |  | Total Hours ( $\geq 120$ )               |  |
| EN 101 (3)                            |  | Upper Division (300 and above) (45)      |  |
| EN 300 (3)                            |  | $\geq 2.0$ Major Cumulative GPA          |  |
| MA 112 or MA 116 (3)**                |  | $\geq 2.0$ Overall Cumulative GPA        |  |
| Completed Allied Health Certification |  | Completed Allied Health Associate Degree |  |

*\*Students transferring with 30 or more credit hours completed at an accredited post-secondary institution (after graduating from High School) with a GPA of 2.0 or higher are exempt from this requirement*

*\*\*May be waived if student successfully completes a higher-level mathematics course with a grade of C or higher or if a student presents an ACT score in mathematics of at least 28 (SAT of at least 640)*

**Sample 4-Year Schedule for Medical Imaging Major  
Bachelor of Health Science  
Including Completion of Associate of Science in Respiratory Therapy &  
Diagnostic Medical Sonography Certificate-General Sonography  
142 Hours**

Curriculum for students starting 2020-2021 Academic Year  
Students starting in different academic years should contact their advisor.

|   |              |   |           |
|---|--------------|---|-----------|
| <b>Summer Session</b>                     |              |   |           |
| BI 100 – Introduction to Biology          | 3            |   |           |
| <b>TOTAL</b>                              | <b>3</b>     |   |           |
| <b>Freshman</b>                           |              |   |           |
| <b>Fall Semester</b>                      |              | <b>Spring Semester</b>                  |           |
| WU 101 – Washburn Experience              | 3            | Soc. Sci. General Education             | 3         |
| EN 101 – First Year Writing               | 3            | CN 101 – Principles of Communication or |           |
| MA 112 or MA 116 – Contemp. College       |              | CN 150 – Public Speaking                | 3         |
| Mathematics or College Algebra            | 3            | AL 187 – Respiratory Therapy Clinical   | 3         |
| AL 185 – Principles of Respiratory        |              | AL 315 – Allied Health Pharmacology     | 3         |
| Therapy                                   | 2            | BI 230 – Intro to Human Physiology      | 3         |
| BI 250 – Intro to Human Anatomy           | 3            |   |           |
| AL 101 – Foundations in Health Care       | 3            |   |           |
| <b>TOTAL</b>                              | <b>17</b>    | <b>TOTAL</b>                            | <b>15</b> |
| <b>Summer Session</b>                     |              |   |           |
| AL 186 – Cardiopulmonary Assessment       |              |   |           |
| in Allied Health                          | 2            |   |           |
| AL 289 – Respiratory Therapy Clinical II  | 5            |   |           |
| <b>TOTAL</b>                              | <b>7</b>     |   |           |
| <b>Sophomore</b>                          |              |   |           |
| <b>Fall Semester</b>                      |              | <b>Spring Semester</b>                  |           |
| AL 291 – Respiratory Therapy Principles   |              | Soc. Sci. General Education             | 3         |
| and Procedures I                          | 3            | AR/MU/TH General Education              | 3         |
| AL 292 – Respiratory Therapy Principles   |              | AL 294 – Respiratory Therapy Topics II  | 3         |
| and Procedures II                         | 5            | AL 295 – Respiratory Therapy Clinical V | 5         |
| AL 293 – Respiratory Therapy Clinical III | 5            | AL 296 – Respiratory Therapy Topics III | 3         |
| AL 382 – Cardiovascular Monitoring and    |              |   |           |
| Scanning                                  | 3            |   |           |
| <b>TOTAL</b>                              | <b>16</b>    |   | <b>17</b> |
| <b>Completion of Associate of Science</b> | <b>75</b>    |   |           |
| <b>Major: Respiratory Therapy</b>         | <b>hours</b> |   |           |

| <b>Junior</b>  |              | <b>Senior</b>   |           |
|--|--------------|---|-----------|
| <b>Fall Semester</b>   |              | <b>Spring Semester</b>                                |           |
| AL 300 – Intro to Diagnostic Medical Sonography                        | 3            | AL 320 Human Disease                                  | <b>3</b>  |
| AL 330 – Sonography Principles & Instrumentation I                     | 3            | AL 331 – Sonography Principles and Instrumentation II | 3         |
| AL 371 – Abdomen Sonography Procedures I                               | 3            | AL 372 Abdomen Sonography Procedures II               | 3         |
| AL 389 OBGYN Sonography Procedures                                     | 3            | AL 392 OBGYN Sonography Procedures II                 | 3         |
| AL 361 – Sonography Clinical I   | 6            | AL 362 Sonography Clinical II                         | 6         |
| <b>TOTAL</b>   | <b>18</b>    | <b>TOTAL</b>  | <b>18</b> |
| <b>Summer Semester</b>   |              |   |           |
| AL 332 – Sonography Principles, Instrumentation III, & Registry Review | 2            |   |           |
| AL 379 – General Sonography Procedures III & Registry Review           | 2            |   |           |
| AL 363 General Sonography Clinical III                                 | 3            |   |           |
| <b>TOTAL</b>   | <b>7</b>     |   |           |
| <b>Completion of Diagnostic Medical Sonography Certificate</b>         | <b>43</b>    |   |           |
| <b>Major: General Sonography</b>                                       | <b>hours</b> |   |           |
| <b>Senior Plus</b>   |              |   |           |
| <b>Fall Semester</b>   |              | <b>Spring Semester</b>                                |           |
| EN 300 – Advanced College Writing                                      | 3            | Natural Science General Education                     | 3         |
| BHS Major Course   | 3            | Soc. Sci. General Education                           | 3         |
| Humanities General Education   | 3            | BHS Major Course(s)                                   | 6         |
| Natural Science General Education                                      | 3            |   |           |
| <b>TOTAL</b>   | <b>12</b>    | <b>TOTAL</b>  | <b>12</b> |
| <b>Completion of Bachelor of Health Science</b>                        | <b>24</b>    |   |           |
| <b>Major: Medical Imaging</b>  | <b>hours</b> |   |           |