

**Appendix A**  
**Baton Rouge Community College AAS Diagnostic Medical Sonography Articulation**

**Core Requirements**

| AAS Diagnostic Medical Sonography<br>BATON ROUGE COMMUNITY COLLEGE |                            |                 | BAS Allied Health<br>NORTHWESTERN STATE UNIVERSITY |                            |                 | Hours<br>Needed |
|--|----------------------------|-----------------|--|----------------------------|-----------------|-----------------|
| BRCC   | Course Title               | Credit<br>Hours | NSU  | Course Title               | Credit<br>Hours |                 |
| ENGL 101   | English Composition I      | 3               |  | English                    | 6               | 3               |
| MATH<br>101/110  | College Algebra            | 3               |  | Math                       | 6               | 3               |
| BIOL 230   | Anatomy and Physiology I   | 4               |  | Natural / Physical Science | 9               | 0               |
| BIOL 231   | Anatomy and Physiology II  | 4               |  |                            |                 |                 |
| PHYS 200   | Concepts in Physics        | 3               |  |                            |                 |                 |
| HUMN   | Humanities Elective        | 3               |  | Humanities                 | 3               | 0               |
|  |                            |                 |  | Fine Arts                  | 3               | 3               |
| PSYC 201   | Introduction to Psychology | 3               |  | Social / Behavioral        | 6               | 3               |
| <b>Total Hours Needed</b>  |                            |                 |  |                            |                 | <b>12</b>       |

**Junior Year – Semester 1**

| AAS Diagnostic Medical Sonography<br>BATON ROUGE COMMUNITY COLLEGE |                     |                 | BAS Allied Health<br>NORTHWESTERN STATE UNIVERSITY |                              |                 | Hours<br>Needed |
|--|---------------------|-----------------|--|------------------------------|-----------------|-----------------|
| BRCC   | Course Title        | Credit<br>Hours | NSU  | Course Title                 | Credit<br>Hours |                 |
| HLSC 110   | Medical Terminology | 3               | ALHE 1020  | Medical Terminology          | 2               | 0               |
|  |                     |                 | PSYC 2050  | Developmental Psychology     | 3               | 3               |
| PHIL 225   | Biomedical Ethics   | 3               | ALHE 2200  | Cultural and Ethical         | 2               | 0               |
|  |                     |                 | ALHE 3900  | Transition into Professional | 2               | 2               |
|  |                     |                 | ALHE 3840  | Advanced Patient Care        | 3               | 3               |
|  |                     |                 | COMM 1010  | Fundamentals of Speech       | 3               | 3               |
| <b>Total Hours Needed</b>  |                     |                 |  |                              |                 | <b>11</b>       |

**Junior Year – Semester 2**

| AAS Diagnostic Medical Sonography<br>BATON ROUGE COMMUNITY COLLEGE |              |                 | BAS Allied Health<br>NORTHWESTERN STATE UNIVERSITY |                           |                 | Hours<br>Needed |
|--|--------------|-----------------|--|---------------------------|-----------------|-----------------|
| BRCC   | Course Title | Credit<br>Hours | NSU  | Course Title              | Credit<br>Hours |                 |
|  |              |                 | ALHE 4520  | Research in Healthcare    | 3               | 3               |
|  |              |                 | PSYC 4400  | Statistics for Psychology | 3               | 3               |
|  |              |                 | ALHE 4230  | Health Informatics        | 3               | 3               |
|  |              |                 |  | Concentration Courses     | 6               | 6               |
| <b>Total Hours Needed</b>  |              |                 |  |                           |                 | <b>15</b>       |

**Senior Year – Semester 1**

| AAS Diagnostic Medical Sonography<br>BATON ROUGE COMMUNITY COLLEGE |              |                 | BAS Allied Health<br>NORTHWESTERN STATE UNIVERSITY |                         |                 | Hours<br>Needed |
|--|--------------|-----------------|--|-------------------------|-----------------|-----------------|
| BRCC   | Course Title | Credit<br>Hours | NSU  | Course Title            | Credit<br>Hours |                 |
|  |              |                 | ALHE 4600  | Teamwork and Leadership | 4               | 4               |
|  |              |                 |  | Elective                | 3               | 3               |
|  |              |                 |  | Concentration Courses   | 6               | 6               |

|  |              |                 |  |                         |                 | Total Hours Needed        | 13        |
|--|--------------|-----------------|--|-------------------------|-----------------|---------------------------|-----------|
| <b>Senior Year – Semester 2</b>  |              |                 |  |                         |                 |                           |           |
| <b>AAS Diagnostic Medical Sonography<br/>BATON ROUGE COMMUNITY COLLEGE</b> |              |                 | <b>BAS Allied Health<br/>NORTHWESTERN STATE UNIVERSITY</b> |                         |                 | Hours<br>Needed           |           |
| BRCC   | Course Title | Credit<br>Hours | NSU  | Course Title            | Credit<br>Hours |                           |           |
|  |              |                 | ALHE 4900  | Directed Study          | 5               | 5                         |           |
|  |              |                 | ALHE 4630  | Healthcare Organization | 3               | 3                         |           |
|  |              |                 |  | Concentration Courses   | 6               | 6                         |           |
|  |              |                 |  |                         |                 | <b>Total Hours Needed</b> | <b>14</b> |

Total Hours Awarded from BRCC= 55

Total Hours Needed from NSU for BS= 65

### **Health Science and Technology Concentration (18 hours)**

Courses for this concentration will enhance students' knowledge and skills related to the patient care environment and/or teaching in health related areas. Students will be able to select courses from a pre-determined list that best meet their career goals. Examples of courses that may be included in this concentration are:

|   |         |
|---|---------|
| ALHE XXXX Education in Allied Health                        | 3 hours |
| BIOL 2210 Microbiology for Nursing and Allied Health Majors | 3 hours |
| BIOL 2240 Introduction to Human Genetics                    | 3 hours |
| BUAD 1800 Introduction to Information Technology            | 3 hours |
| BUAD 2200 Business Reports and Communication                | 3 hours |
| BUAD 3250 Business Law I                                    | 3 hours |
| CIS 3020 Web Page Development                               | 3 hours |
| EDAE 4700 Fundamentals of Adult Education                   | 3 hours |
| ENGL 3230 Technical Composition                             | 3 hours |
| HED 2000 Introduction to Health Education                   | 3 hours |
| HED 3000 Community Health Promotion                         | 3 hours |
| MGT 3220 Organization and Management                        | 3 hours |
| PSYC 3010 Physiological Psychology                          | 3 hours |
| PSYC 4450 Abnormal Psychology                               | 3 hours |
| RADS 3910 Sectional Anatomy                                 | 3 hours |
| RADS 3920 Radiographic Pathology                            | 3 hours |
| RADS 4610 Quality Management                                | 3 hours |
| RADS 4710 Special Imaging                                   | 3 hours |
| <i>Others as approved by advisor</i>                        |         |