

## Cardiac Sonography – Associate in Applied Science (CSON.AAS) at Jackson College to Bachelor of Science in Public Health at Wayne State University

There are special admission requirements to the sonography programs, and it is the student's responsibility to understand the requirements and adhere to them. Entry into a program is competitive and based on a "point system." Point values are based on grades earned in prerequisite coursework and the interview process.

Applications are processed according to the following:

- Applications must be received by the Allied Health Office by August 15.
- Questionnaires will be mailed to eligible applicants.
- Completed questionnaires must be returned by the stated due date.
- Diagnostic Medical Sonography Admission Committee conducts interviews.
- Students are notified by mail of application/interview results.
- Accepted students begin winter semester.

General education prerequisites and related requirement courses must be completed before admission to the program.

Minimum credits: 73

Minimum cumulative GPA: 2.0

Minimum grade in all courses: 2.0

Minimum grade in BIO 132 or BIO 253/254, HOC 130 and MOA 120: 3.0

Minimum Jackson College credits: 33

The Bachelor of Science in Public Health is available to JC students who earn the Michigan Transfer Agreement (MTA), complete the WSU Expected Public Health Pathway Courses and finish one of the Associate Degree programs listed in the Health Sciences and Human Services Pathway (Public Health) with a cumulative GPA of 2.5 or higher.

Under this agreement, Wayne State University will waive the 60-hour-rule and require that a minimum of 35 credits be completed in courses offered by WSU. This allows students to complete up to 85 credit hours at Jackson College, and have those hours applied toward their bachelor's degree.

### General Education Requirements (24 Credits)

| Course                                      | Credits |
|---|---------|
| ENG 131 Writing Experience I                | 3       |
| COM 250 Intercultural Communication         | 3       |
| MAT 133 Intro to Probability and Statistics | 4       |
| BIO 132 Human Biology                       | 4       |
| PSY 140 Intro to Psychology                 | 4       |
| HUM 131 Cultural Connections                | 3       |

|                                  |   |
|----------------------------------|---|
| SEM 140 Seminar in Life Pathways | 3 |
|----------------------------------|---|

#### MTA/WSU Requirements (16 Credits)

|   |   |
|---|---|
| ENG 132 Writing Experience II           | 3 |
| BIO 140 Public Health and Disease       | 3 |
| Approved Social Science (See MTA)       | 3 |
| FRN, GER, or SPN 131                    | 4 |
| Approved Humanities/Fine Arts (See MTA) | 3 |

#### Cardiac Sonography Related Requirements (14 Credits)

|   |   |
|---|---|
| DMS 100 Introduction to Diagnostic Imaging          | 3 |
| DMS 104 Introduction to Sonographic Instrumentation | 3 |
| HOC 130 Introduction to Health Occupations          | 3 |
| MOA 120 Medical Terminology                         | 3 |
| PHY 145 Introduction to Basic Physics               | 2 |

#### Cardiac Sonography Core Requirements (38 Credits)

|   |   |
|---|---|
| DMS 140 Sonographic Orientation & Technique | 3 |
| DMS 141 Adult Echo I                        | 4 |
| DMS 142 Echo Clinical I                     | 2 |
| DMS 144 Cardiovascular Principles           | 3 |
| DMS 148 Echo Clinical II                    | 7 |
| DMS 196 Introduction to Clinical            | 5 |
| DMS 206 Sonographic Instrumentation         | 4 |
| DMS 240 Adult Echo II                       | 4 |
| DMS 244 Echo Clinical III                   | 6 |

#### Expected WSU Public Health Pathway Courses (7 Credits)

\*If courses are not completed at JC, students may not meet requirements and/or acceptance into desired program

|                                      |   |
|--------------------------------------|---|
| FRN, GER, SPN 132                    | 4 |
| NRS-145-Normal Therapeutic Nutrition | 3 |

\*\*All students in the College of Liberal Arts and Sciences must successfully demonstrate language proficiency equivalent to the two- course sequence in a single foreign language. Proficiency is demonstrated by completing courses numbered 1010 and 1020 in one of the following subject area codes: ARB, ARM, CHI, FRE, GER, GKA, GKM, HEB, /TA, JPN, LAT, POL, RUS, SPA, SWA, and UKR.