***Diagnostic Medical Sonography:*** *Associate in Science – Non-transfer*

*Pre-DMS*

This program is competitive in nature due to the greater number of applicants as compared to the number of available clinical internships. This degree program provides an opportunity for students to be educated and trained in the healthcare career of Diagnostic Medical Sonography.

***Please see a Pathways Counselor:*** Create an education plan customized to meet your needs. [Contact a Counselor](https://www.msjc.edu/hub/)

Transfer Majors/Award Focus

* Diagnostic Medical Sonography, Non-Transfer A.S. Pre-DMS

GE Pattern/Units

* GE Pattern: Option A
* Total Units: 61

**Program maps** indicate the major coursework and recommended general education courses to fulfill your degree in 2 years (approximately 15 units/semester or 30 units/year). If you are a part-time student, start Semester 1 courses and follow the course sequence. Some of the courses listed may be substituted by another course. Please view these options in the official course [catalog](https://catalog.msjc.edu/instructional-programs/).

***Semester 1 15 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| ✔ | COURSE | TITLE | UNIT |
| ⬜ | ENGL-101 | College Composition  | 4 |
| ⬜ | MATH-105 | College Algebra | 4 |
| ⬜ | AH-105 | Medical Terminology | 3 |
| ⬜ | BIOL-100 | Human Biology | 4 |

***Semester 2 14 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| ✔ | COURSE | TITLE | UNIT |
| ⬜ | PS-101 | Introduction to American Government and Politics | 3 |
| ⬜ | PSYC-101 | Introduction to Psychology | 3 |
| ⬜ | SPAN-101 | Elementary Spanish I | 4 |
| ⬜ | ANAT-101 | Human Anatomy & Physiology I | 4 |

Career Options

Sonographer Technologist (C, A)

Cardiovascular Technologist (C, A)

Radiologic Technologist (C, A)

Find more careers: [msjc.emsicc.com](http://msjc.emsicc.com)

Required Education: SM: some college; C: Certificate; A: Associate, B: Bachelor’s, M: Master’s; D: Doctorate

Financial Aid

Financial aid is determined by the number of credit hours you take in a semester. Maximize your financial aid by taking 12-15 units per semester.

***Semester 3 17 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| ✔ | COURSE | TITLE | UNIT |
| ⬜ | NUTR-101 | Introduction to Nutrition Science  | 3 |
| ⬜ | SPAN-102 | Elementary Spanish II | 4 |
| ⬜ | COMM-103 | Interpersonal Communication | 3 |
| ⬜ | ANAT-102 | Human Anatomy & Physiology II | 4 |
| ⬜ | ART-104 | World Art | 3 |

***Semester 4 15 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| ✔ | COURSE | TITLE | UNIT |
| ⬜ | SOCI-101 | Principles of Sociology | 3 |
| ⬜ | ANTH-102 | Cultural Anthropology | 3 |
| ⬜ | PSYC-103 | Human Development | 3 |
| ⬜ | HS-121 | Fundamentals of Healthful Living | 3 |
| ⬜ | PHY-100 | Conceptual Physics | 3 |

Notes***:***

**Language Requirement**: Some CSU's require the equivalency of an intermediate language proficiency for graduation. Please see a counselor for more detail regarding specific CSU major and graduation requirements.

Work Experience

Sign up for a special project or internship opportunity. Gain [work experience](https://msjc.edu/careereducation/cwee/index.html) and earn credits.