



Health & Human Services Division
 Lansing Community College
 selective_admissions@star.lcc.edu
 Phone: (517) 483-1410

2021 Ultrasound: Diagnostic Medical Sonography (DMS) Advising Guide

Application Deadline: April 1 | Admission for Summer 2021

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General Program Info

LCC’s Ultrasound: Diagnostic Medical Sonography (DMS) program is accredited by:

[The Commission on Accreditation of Allied Health Education Programs \(CAAHEP\)](http://www.caahep.org/)

(www.caahep.org/)

25400 US Highway 19 North, Suite 158

Clearwater, FL 33763

Phone: (727) 210-2350, Fax: (727) 210-2354

This program is Selective Admissions, which means admission is on a competitive basis and does have program-specific entrance requirements. The program admits once a year and starts Summer semester. Admission is determined using a point system; those with the highest total points each year will be selected for the available seats.

| Application Deadline | Number of Students Admitted Annually | Program Duration (once admitted) | Program Format |
|-----------------------------|---|--|--|
| April 1 | Approximately 20-24 | 15 months <i>Summer-Summer</i> (4 semesters) | Face-to-Face <i>*Some courses are hybrid (50% online)</i> |

The DMS program prepares an individual to use ultrasonic equipment. The sonographer produces images to demonstrate body parts, and assist the physician in the diagnosis of medical abnormalities, using equipment with a high frequency sound wave (much like sonar). For more information on this program and career, visit the [program website](http://www.lcc.edu/academics/degrees/) (www.lcc.edu/academics/degrees/). **Answers to frequently asked questions are available on the [program overview site](http://www.lcc.edu/academics/areas-of-study/health-public-service/sonography/overview.html)** (www.lcc.edu/academics/areas-of-study/health-public-service/sonography/overview.html).

Application Process

You must be an LCC student to be eligible for this program. Admission into the college does not guarantee entrance into a Selective Admissions program. For questions about the application process, email selective_admissions@star.lcc.edu.

Follow these steps to apply:

1. **APPLY TO LCC:** If you are not currently and have never been an LCC student, [apply to the college](http://www.lcc.edu/admissions-financial-aid/get-started/) (www.lcc.edu/admissions-financial-aid/get-started/).
2. ***TRANSFER STUDENTS:** Have ALL of your previous colleges send official transcripts directly to LCC's Registrars Office by **March 1st**. Courses must transfer into LCC as the exact class to satisfy an admission requirement.
 - a. Find out where to send your transcripts and how your classes will transfer to LCC using our [equivalency site](http://lcc.edu/academics/transfer/equivalencies/) (lcc.edu/academics/transfer/equivalencies/).
 - b. *****Your transfer school's grading system will be used to convert letter grades to numerical. Grading scales vary by school. For most schools, a 2.5 grade is equivalent to a B.*****
3. **MEET WITH AN ACADEMIC ADVISOR FOR COURSE PLANNING:** To ensure you satisfy all of the admission requirements, meet with an [Academic Advisor](http://www.lcc.edu/services/advising/) (www.lcc.edu/services/advising/). Call (517) 483-1957, option 4, to schedule an appointment with a Health Careers Advisor.
**To get the most out of your appointment, transfer transcripts should be on record with LCC before meeting with an advisor.*
4. **COMPLETE COURSE ADMISSION REQUIREMENTS:** See next page for a list of admission requirements needed to be eligible to apply. **Completion of admission requirements does not guarantee admission into a Selective Admission program.*
5. **SUBMIT SELECTIVE ADMISSION APPLICATION BY APRIL 1:**
 - a. Once you have successfully completed all of the admission requirements, submit the online [Selective Admission Application](https://www.surveymonkey.com/r/HHS-SelectiveAdmissionApplication) (<https://www.surveymonkey.com/r/HHS-SelectiveAdmissionApplication>).
 - b. Then pay the \$50 non-refundable application fee at the [Selective Admissions Store](https://secure.touchnet.com:443/C20118_ustores/web/store_main.jsp?STOREID=43&FR_OMQRCODE=true&SINGLESTORE=true) (https://secure.touchnet.com:443/C20118_ustores/web/store_main.jsp?STOREID=43&FR_OMQRCODE=true&SINGLESTORE=true). Payment is due by the application deadline.

Admission Requirements

Applicants must complete ALL of the following to be eligible to apply. **Coursework must be successfully completed by December 31st to be considered.** Only courses listed on your LCC record, which includes transfer credit, can be used to satisfy an admission requirement. Completion of the requirements does not guarantee admission into a Selective Admission program.

| ADMISSION REQUIREMENT | SEE NOTE | MINIMUM GRADE |
|---|----------|---------------|
| Minimum overall college GPA of 2.75 | | N/A |
| BIOL 201 <u>AND</u> BIOL 202 <u>or</u> BIOL 145 <i>*BIOL 201 & 202 is recommended for transferability</i> | 1 | 2.5 / *B |
| PHYS 120 <u>or</u> PHYS 200 | 2 | 2.0 / *C+ |
| MATHEMATICS APPLIED DEGREES GENERAL EDUCATION: MATH 120, STAT 170, STAT 215, <u>or</u> any course from the College Algebra section on the Applied Degrees General Education list (lcc.edu/academics/catalog/general-education/index.html) | | 2.5 / *B |
| ENGLISH COMPOSITION APPLIED DEGREES GENERAL EDUCATION: ENGL 121, 122, 127, 131, <u>or</u> 132 | 3 | 2.5 / *B |
| COMMUNICATIONS APPLIED DEGREES GENERAL EDUCATION: COMM 110, 120, 130, 240 <u>or</u> SIGN 160 <i>*Other courses cannot be substituted</i> | 3 | 2.5 / *B |
| SOCIAL SCIENCES, HUMANITIES, & FINE ARTS APPLIED DEGREES GENERAL EDUCATION: SOCL 120 <u>or</u> any course from the Humanities & Fine Arts or Social Sciences sections on the Applied Degrees General Education list (lcc.edu/academics/catalog/general-education/index.html) | 3 | 2.5 / *B |
| CHSE 120: Medical Terminology (OPTIONAL) | 4 | 2.5 / *B |

ADMISSION REQUIREMENT NOTES:

***TRANSFER STUDENTS:** Your transfer school's grading system will be used to convert letter grades to numerical. Grading scales vary by school; a 2.5 is typically equivalent to a B.

- 1.** Anatomy & Physiology must be completed within 8 years of the application deadline.
- 2.** If you completed a 3-4 credit Physics course at another college and it does not transfer into LCC, contact the Program Director for approval – Jamia Dunckel, wilkinj4@lcc.edu.
- 3.** The general education requirement for English, Communication, and/or Social Science

will be waived by Selective Admissions ONLY IF the student has an Associate's or higher degree AND there are no classes completing the requirement(s) on the student's academic record. Official transcripts on record with LCC's Registrars office must show proof of degree.

4. CHSE 120 is not required to be eligible for the DMS program, but points are awarded for successful completion. If not completed prior to applying, it must be completed during the first semester of the program as it is a Degree requirement.

Point System

Admission into this program is competitive. Applicants who complete all of the admission requirements will be ranked using the following point system. Those with the highest total points will be selected for the available seats. **Admission decisions are made early May.**

| POINT CRITERIA | SEE NOTE | YOUR POINTS |
|---|------------------|-------------|
| <p>Applicants who have direct-patient care experience in a health field will earn points for ONE of the following:</p> <ul style="list-style-type: none"> • 20 points: 10+ years of paid <u>work</u> experience • 15 points: 5-9 years of paid <u>work</u> experience • 10 points: 1-4 years of paid <u>work</u> experience • 5 points: Less than one year of paid <u>work</u> experience • 2 points: Minimum of 8 hours/month for at least 90 days of <u>volunteer</u> experience | 1 & 4 | |
| <p>Applicants who have graduated from an accredited Radiologic Technology program will earn 15 points.</p> | 2 & 4 | |
| <p>Applicants who complete a job shadow in a general sonography department (not vascular or ECHO) will earn 2 points.</p> | 3 & 4 | |
| <p>A Physics grade of 3.5 or higher will earn 7 points.</p> | 4 | |
| <p>Points will be awarded for ONE of the following:</p> <ul style="list-style-type: none"> • 12 points: Grade of 3.0 or higher in BIOL 201 <u>and</u> BIOL 202 • 10 points: Grade of 3.5 or higher in BIOL 145 | 4 | |
| <p>Applicants who have an Associate's Degree or higher will earn 10 points.</p> | 2 & 4 | |
| <p>Points will be awarded for completion of <u>each</u> of the following courses with a minimum grade of 2.5:</p> <ul style="list-style-type: none"> <li style="width: 50%;">• 4 points: CHSE 100 <li style="width: 50%;">• 2 points: CHSE 136 <li style="width: 50%;">• 5 points: CHSE 114 <li style="width: 50%;">• 5 points: PFHW 163 | 4 | |

| POINT CRITERIA | SEE NOTE | YOUR POINTS |
|--|----------|-------------|
| <ul style="list-style-type: none"> • 4 points: CHSE 117 • 5 points: CHSE 120 • 5 points: PFHW 181 • 6 points: BIOL 121 <u>or</u> BIOL 127 | | |
| <p>The following points are awarded based on GPA of all courses required for admission and any additional point classes:</p> <ul style="list-style-type: none"> • 30 points: 3.75-4.00 • 25 points: 3.50-3.74 • 20 points: 3.25-3.49 • 15 points: 3.00-3.24 • 10 points: 2.75-2.99 • 5 points: 2.60-2.74 | | |
| <p>Applicants who did not use transfer credits (including AP & CLEP exams) to satisfy any of the admission requirements will earn 2 points.</p> | 4 | |
| <p>The following points will be awarded for candidates who had completed all of the admission requirements and were not admitted due to the point system:</p> <ul style="list-style-type: none"> 3 points: Received 3 denial letters 2 points: Received 2 denial letter | 4 | |
| YOUR TOTAL POINTS: | | |

POINT SYSTEM NOTES:

- 1.** Proof of work or volunteer experience must be documented by the HR department or a supervisor on business letterhead and include dates of employment/volunteering, position title, and a brief description of duties. To earn points, documentation must be attached to your application (*preferred*) or emailed to **selective_admissions@star.lcc.edu** by the application deadline.
- 2.** Only degrees completed by December 31st are considered. Transfer students must show proof of degree via an official transcript sent to LCC's [Registrars office](http://lcc.edu/academics/transfer/equivalencies/) (lcc.edu/academics/transfer/equivalencies/). Applicants who earn(ed) their degree at LCC will automatically be awarded points for this criteria. Think you are close to earning a degree at LCC? Meet with an academic advisor for a degree audit and instructions on how to apply for the degree.
- 3.** Proof of job shadow must be documented by an official representative of the facility on business letterhead and include facility name, date shadowed, contact information and signature of the sonographer you shadowed. To earn points, documentation must be attached to your application (*preferred*) or emailed to **selective_admissions@star.lcc.edu** by the application deadline.
- 4.** This point criteria is optional. Only applicants who meet the criteria will earn points in this category.

In the case of a tie in total points, the candidate who submitted their application first is given preference.

Program Layout

Admitted applicants and those selected as an alternate will be required to attend a mandatory program orientation that typically occurs mid to late May. Candidates are advised to plan accordingly.

If admitted, the DMS program begins during LCC's Summer semester and is 15 months long. This is a cohort program meaning class sequence and schedules are set. Students are in a DMS activity 4-5 days/week. Most courses meet during the weekday between the hours of 8am-6pm; however, some events may run till 8pm. Classes and clinical do not occur on the weekends. While most course content is delivered in-person at LCC's Main campus, some lectures are hybrid (50% online). Students may be placed at any clinical site, regardless of distance. Clinical sites are within a 220 mile radius of LCC's main campus (3.5+ hour commute). Students are responsible for their own transportation and any cost associated with it. Clinicals are 4 days/week during the Fall and Spring semester, and 5 days/week during the final Summer semester. Participants are encouraged to reduce their work hours as much as possible while in the program.

Upon program completion, students earn a **Ultrasound: Diagnostic Medical Sonography (DMS) Associate of Applied Science degree**. Graduates are eligible to take the American Registry of Diagnostic Medical Sonographers (ARDMS) or the American Registry of Radiologic Technologists (ARRT) examination for certification.

A complete program pathway, including course layout and course sequence, is available on the college's [Degree & Certificate site](https://lcc.edu/academics/catalog/degree-certificate-programs/) (<https://lcc.edu/academics/catalog/degree-certificate-programs/>).

Program Cost

The approximate cost for a DMS student who receives in-district tuition rates is \$23,000; this includes the cost of prerequisite and in-program courses along with DMS supplies and textbooks. For a detailed cost sheet, including tuition rates for all residencies, visit the DMS section on HHS's [Advising Guides site](http://www.lcc.edu/hhs/advising-guides.html) (www.lcc.edu/hhs/advising-guides.html).

Be advised some in-program classes have a portion of the course fee that is non-refundable. Any student who registers for the class and then drops, withdraws, or is otherwise ineligible for the program will not be refunded the non-refundable portion. The non-refundable amount and the items included in course fees vary by class. More information will be provided at the program orientation that occurs after admission decisions are made.

Criminal Background Check

In order for this program to be in compliance with Michigan Public Act 26 of 2006, a **Criminal Background investigation is required for all students**. Directions for completing a Background Check, which may include fingerprinting and drug testing, will be given at the program orientation (after admission decisions are made). Please note digital fingerprinting will be required by the State of Michigan at the time of application for career licensure. To comply

with State and Federal statutes, admission to this program will be denied for any of the following:

- Any felony conviction within 15 years + three years' probation prior to application.
- Any misdemeanor within ten years prior to application that involved or is similar to the following:
 - Abuse, neglect, assault, battery
 - Criminal sexual conduct
 - Fraud or theft against a vulnerable adult (as defined by the Michigan penal code)

The [Michigan Workforce Background Check Program](http://www.miltcpartnership.org/documents/legalguide.pdf) (www.miltcpartnership.org/documents/legalguide.pdf) provides detailed information regarding the types of crimes and their implications to employment suitability in health care facilities and agencies.

Any student who has been charged with a felony or a misdemeanor crime after admission to the program must contact the Program Director within 72 hours of the charge. Students convicted of certain crime(s) may become ineligible for licensure, and therefore, may be dismissed from the Program.

Environmental Conditions-Standard Precautions

Applicants must be aware students in this program and profession will be exposed to blood, body tissues, and fluids. There is the potential of exposure to electrical hazards, hazardous waste materials, radiation, poisonous substances, chemicals, loud or unpleasant noises and high stress emergency situations. Students enrolled in this program are at a slight risk for exposure to blood and body fluids and transmission of blood-borne and other infectious diseases, including HIV. The Americans with Disabilities Act forbids discrimination against patients with infectious diseases; therefore, students are required to treat all patients assigned, regardless of the disease-state of the patient. Standard precautions must be followed when treating each patient.

Immunization Certification: applicants admitted to the program shall be required to present evidence, in the form, of certification by a licensed healthcare provider, that he/she has been immunized against tuberculosis, measles, rubeola, rubella, tetanus, diphtheria, pertussis, hepatitis B, Varicella, influenza, and poliomyelitis. Students must also provide documentation of BLS certification, a physical from a licensed healthcare provider, and 10-Panel Drug screen from an approved provider. This is in accordance with professional standards and clinical-site requirements. Students are responsible for the cost associated with obtaining immunizations, physicals, BLS certification, and any other items relating to clinical eligibility. **More information about these items and how to submit them will be provided at the program orientation that occurs after admission decisions are made; do not submit these documents with your Selective Admission Application.** Contact the Program Director for details on clinical requirements.

Be aware Lansing Community College does not provide accident and health insurance coverage for students. The College provides liability insurance coverage for students in

practicum for injuries and damages they cause to others. It does not cover injuries students sustain as a result of their own actions. Students must use personal funds or personal medical insurance as a primary medical coverage payment if accident or injury occurs or if emergency treatment is required.

Skills Essential for the Field

For a list of motor, cognitive, and psychological skills essential for this field, visit the DMS section on HHS's [Advising Guides site](http://www.lcc.edu/hhs/advising-guides.html) (www.lcc.edu/hhs/advising-guides.html).

COVID-19

As a result of COVID-19, Spring 2020 courses were switched mid-semester to online formats. The College allowed students to opt into a pass/fail grading system for eligible Spring 2020 courses. However, the DMS program does not accept "P" (pass) grades. The minimum required grade must be met for all admission requirements or optional additional point classes.

Because of the COVID-19 pandemic, students are required to comply with all laws, rules, and regulations as well as any guidance provided by the CDC, the local health department, and other governmental authorities. Due to rapid developments related to COVID-19, students are encouraged to periodically visit the College's website for updated information about COVID-19 (www.lcc.edu/about/coronavirus/).

Non-Discrimination Statement

Lansing Community College is committed to providing equal employment opportunities and equal education for all persons regardless of race, color, sex, age, religion, national origin, creed, ancestry, height, weight, sexual orientation, gender identity, gender expression, disability, familial status, marital status, military status, veteran's status, or other status as protected by law, or genetic information that is unrelated to the person's ability to perform the duties of a particular job or position or that is unrelated to the person's ability to participate in educational programs, courses, services or activities offered by the college.

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies: Equal Opportunity Officer, Washington Court Place, 309 N. Washington Square Lansing, MI 48933, 517-483-1730; Employee Coordinator 504/ADA, Administration Building, 610 N. Capitol Ave. Lansing, MI 48933, 517-483-1875; Student Coordinator 504/ADA, Gannon Building, 411 N. Grand Ave. Lansing, MI 48933, 517-483-1885; Sarah Velez, Human Resource Manager/Title IX Coordinator, Administration Building, 610 N. Capitol Ave. Lansing, MI 48933, 517-483-1874; Christine Thompson, Student Title IX Coordinator, Gannon Building, 411 N. Grand Ave. Lansing, MI 48933, 517-483-1261.

For questions, contact the Imaging Program Director:

Jamia Dunckel | wilkinj4@star.lcc.edu | (517) 483-1412

Check out all of the Health Career [Advising Guides](http://lcc.edu/hhs/advising-guides.html) (lcc.edu/hhs/advising-guides.html)