

Students enter the professional sequence of the program in the fall semester and spend the first three semesters on the Big Rapids campus. Studies during this period include general education and technical courses. Laboratory periods provide an opportunity to apply the theory and principles learned in the lecture sessions. During the final three semesters students work with patients in an off-campus clinical center. These sites are located throughout the state in hospitals affiliated with the University to provide clinical experience and continued academic instruction.

Communication Competency Course Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
ENGL 150	English 1	3	EN 100 or EN 101	College Writing or English Composition 1	3
ENGL 250	English 2	3	EN 102	English Composition 2	3

Quantitative Literacy Course Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
MATH 115 or MATH 117	Intermediate Algebra or Contemporary Mathematics	4 or 3	MA 107	Intermediate Algebra	4

Natural Sciences Competency Course Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
BIOL 109	Basic Human Anatomy & Physiology	4	BI 117	Gen Human Anatomy & Physiology	4

Self and Society Competency Course Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
PSYC 150	Introduction to Psychology	3	PY 201	General Psychology	3

Culture Competency Course Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
PHIL 220 or PHIL 320	Ethics in Health Care or Biomedical Ethics	3	PL 206	Biomedical Ethics	3

Additional General Education Course Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
COMM 105 or COMM 221	Interpersonal Communication or Small Group Decision Making	3	COM 135	Interpersonal Communication	3
PHYS 130	Concepts in Physics	4	PH 115	Physics for Health Sciences	4

Ferris State University General Education Program

Students are encouraged to work with an advisor to select appropriate general education courses

Qualifying Course for Entry into the DMS Program

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
COHP 100	Orientation to Medical Vocabulary	1	GH 110	Medical Terminology	2

Major Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
SONO 100	Introduction to DMS	1	No Equivalent	No Equivalent	No Equivalent
SONO 102	Intro. to Sono. Imaging	1	No Equivalent	No Equivalent	No Equivalent
SONO 104	Intro. to Ultrasound Physics	3	No Equivalent	No Equivalent	No Equivalent
SONO 105	Sono. Physics Lab	1	No Equivalent	No Equivalent	No Equivalent
SONO 111	Sonographic Pathophysiology of Abdominal Organs	4	No Equivalent	No Equivalent	No Equivalent
SONO 112	Abdominal Imaging Lab	1	No Equivalent	No Equivalent	No Equivalent
SONO 115	Sono. Cross Sectional Anatomy	1	No Equivalent	No Equivalent	No Equivalent
SONO 117	Intro. to Sono. Interpretation	2	No Equivalent	No Equivalent	No Equivalent
SONO 118	GYN Ultrasound	1	No Equivalent	No Equivalent	No Equivalent
SONO 119	GYN Imaging Lab	1	No Equivalent	No Equivalent	No Equivalent
SONO 121	Intro. to OB/GYN Imaging	2	No Equivalent	No Equivalent	No Equivalent
SONO 122	OB/GYN Imaging Lab	1	No Equivalent	No Equivalent	No Equivalent
SONO 131	Hemo. and Doppler Principles	1	No Equivalent	No Equivalent	No Equivalent
SONO 132	Hemo. and Doppler Lab	1	No Equivalent	No Equivalent	No Equivalent
SONO 280	Clinical Internship 1	8	No Equivalent	No Equivalent	No Equivalent
SONO 281	Small Parts and Invasive Procedures	4	No Equivalent	No Equivalent	No Equivalent
SONO 282	Clinical Internship 2	8	No Equivalent	No Equivalent	No Equivalent
SONO 283	OB/GYN Imaging 2	3	No Equivalent	No Equivalent	No Equivalent
SONO 284	Clinical Internship 3	5	No Equivalent	No Equivalent	No Equivalent
SONO 285	Sonographic Interpretation 2	3	No Equivalent	No Equivalent	No Equivalent
SONO 287	Management in DMS	1	No Equivalent	No Equivalent	No Equivalent

Core Curriculum

FSU Course	FSU Course Title	FSU Cr. Hrs.	GRCC Equiv.	GRCC Course Title	GRCC Cr. Hrs.
COHP 101	The U.S. Health Care Systems	3	No Equivalent	No Equivalent	No Equivalent
COHP 102	Safety Issues in Health Care	1	No Equivalent	No Equivalent	No Equivalent

Total Credits Required for Degree	84
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Program Contact Information:

Main Campus, Big Rapids

College of Health Professions

(231) 591-2270 | [College of Health Professions Email](#)

[Transfer Partnerships Website](#)

Delivery Locations

This degree and the Ferris courses are offered at the following locations:

- Ferris State University, Big Rapids Campus, Big Rapids MI
- Select courses may be delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location)

General Admission Criteria

Transfer Students

- Must have a 2.0 GPA.

Admission Requirements to the Professional Sequence

Transfer Students

- Minimum grade of "B-" or higher in the following: BIOL 109, MATH 115, PHYS 130.
- Minimum grade of "C" or higher in the following: COHP 100.
- Minimum grade of "C" or higher in the following: ENGL 150.
- All MATH, BIOL, and CHEM courses must meet the above requirements within two attempts. A withdrawal, W grade counts as an attempt.

Advising Notes

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, and have any questions answered prior to completing an application. Students who are completing the MTA may have different general education course requirements for the particular degree selected. Meeting with a Ferris advisor prior to the selection of general education or elective course work may reduce the chance of completing a course that will not apply toward the selected degree. Once admitted, students must continue to meet with an advisor as they work toward graduation.

Transfer Student Orientation

All new students to Ferris State University are required to complete an orientation.

Online Learning

Select courses delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location). The “Online Readiness Tutorial” is required for students who register for an online *course* or are completing an online *degree*. Students must demonstrate competency in Blackboard skills. This may be done by taking a tutorial and quiz, or, for students who have already taken and passed online courses, they can submit a waiver request. Students should check with the department that offers the class to determine its particular needs and/or the Ferris advisor regarding registration for online course work.

Reverse Transfer Agreement

The Community College and Ferris have entered into a partnership in order to work collaboratively and creatively to increase student completion of associate and bachelor degrees. The partners work together to provide a seamless transfer experience and increase student retention and completion at both the community college and Ferris.

Michigan Transfer Agreement (MTA)

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Students must work with their Ferris advisor to declare a Minor or Concentration and for selection of Directed Electives.

Disclaimer

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris. The information on this guide is subject to change. Students should contact their community college or Ferris to keep informed of changes. Final responsibility for verifying all transfer information lies with the student. Please refer to effective and/or revised date on the bottom of this guide.