

Ferris has the only University-based program in Michigan. Ferris graduates demonstrate excellent pass rates on national exams. The program is fully aSMCcredited by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology. The program combines general education and specialized courses with clinical training. Course work includes human anatomy and physiology, radiation and nuclear physics, and nuclear medicine theory and methods. Students spend the final two semesters in a hospital setting with emphasis on the clinical application of theory.

**Communication Competency Requirements**

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
COMM 105 or COMM 121 or COMM 221	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making	3	SPEE 101 or SPEE 102 or SPEE 104	Fundamentals of Speech or Fundamentals/Public Speaking or Introduction to Human Communication	3
ENGL 150	English 1	3	ENGL 103	Freshman English 2	3
ENGL 250	English 2	3	ENGL 104	Freshman English 3	3
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or Advanced Business Writing	3	No Equivalent	No Equivalent	No Equivalent

**Quantitative Literacy Requirements**

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
MATH 115	Intermediate Algebra	3	MATH 131	Pre-Calculus Trigonometry	3

**Natural Sciences Competency Requirements - 1 course with lab**

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
Varies	Natural Sciences Elective	6	Varies	Varies	9
CHEM 114	Introduction to General Chemistry	4	CHEM 101	General Chemistry	5
BIOL 108	Medical Microbiology	3	BIOL 202	Microbiology	4

**Self and Society Competency Requirements – Minimum 9 credits from 2 different disciplines with 1 at 200 level or higher**

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
Varies	FSU General Education – Self and Society Competency	9	Varies	Varies	9

**Culture Competency Requirements - Minimum 9 credits from 2 different disciplines with 1 at 200 level or higher**

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
Varies	FSU General Education - Culture Electives	9	Varies	Varies	9

**Additional General Education Requirements**

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
BIOL 205	Human Anatomy and Physiology	5	BIOL 214 and BIOL 215	Basic Human Anatomy and Principles of Human Physiology	10
PHYS 130	Concepts in Physics	4	PHYS 101 or PHYS 102	Introductory Physics 1 or Introductory Physics 2	5

**[Ferris State University General Education Program](#)**

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

**Major Requirements – 60 Credits Required**

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
NUCM 100	Introduction to Nuclear Medicine	1	No Equivalent	No Equivalent	No Equivalent
NUCM 101	Practical Mathematics in Nuclear Medicine	1	No Equivalent	No Equivalent	No Equivalent
NUCM 110	Principles& Practices of Nuclear Medicine	3	No Equivalent	No Equivalent	No Equivalent
NUCM 111	Principles& Practices of Nuclear Medicine Lab	1	No Equivalent	No Equivalent	No Equivalent
NUCM 205	Nuclear Medicine Instrumentation	3	No Equivalent	No Equivalent	No Equivalent
NUCM 206	Nuclear Medicine Instrumentation Lab	1	No Equivalent	No Equivalent	No Equivalent
NUCM 215	Clinical Procedures 1	4	No Equivalent	No Equivalent	No Equivalent
NUCM 216	Clinical Procedures 1 Lab	1	No Equivalent	No Equivalent	No Equivalent
NUCM 240	Cross Sectional Imaging	3	No Equivalent	No Equivalent	No Equivalent
NUCM 310	PET, CT and MR Imaging	4	No Equivalent	No Equivalent	No Equivalent
NUCM 320	Clinical Procedures 2	4	No Equivalent	No Equivalent	No Equivalent
NUCM 321	Clinical Procedures 2 Lab	1	No Equivalent	No Equivalent	No Equivalent
NUCM 340	Advanced Imaging Techniques	2	No Equivalent	No Equivalent	No Equivalent
NUCM 350	Nuclear Cardiology	2	No Equivalent	No Equivalent	No Equivalent
NUCM 351	Nuclear Cardiology Lab	1	No Equivalent	No Equivalent	No Equivalent
NUCM 360	Management and Leadership in NMT	3	No Equivalent	No Equivalent	No Equivalent
NUCM 370	Pharmacology in Nuclear Medicine	1	No Equivalent	No Equivalent	No Equivalent
NUCM 485	NMT Theory 1	1	No Equivalent	No Equivalent	No Equivalent
NUCM 486	NMT Theory 2	1	No Equivalent	No Equivalent	No Equivalent
NUCM 493	Clinical Application in NMT 1	10	No Equivalent	No Equivalent	No Equivalent
NUCM 494	Clinical Application in NMT 2	10	No Equivalent	No Equivalent	No Equivalent
NUCM 499	Capstone in NMT	2	No Equivalent	No Equivalent	No Equivalent

**Core Curriculum for Health Professions Requirements – 11 Credits Required**

FSU Course	FSU Course Title	FSU Cr. Hrs.	SMC Equiv.	SMC Course Title	SMC Cr. Hrs.
COHP 100	Orientation to Medical Vocabulary	1	No Equivalent	No Equivalent	No Equivalent
COHP 101	The U.S. Health Care System	3	No Equivalent	No Equivalent	No Equivalent
COHP 102	Safety Issues in Health Care	1	No Equivalent	No Equivalent	No Equivalent
COHP 350	Statistics in Health Care	3	No Equivalent	No Equivalent	No Equivalent
COHP 450	Evidence-Based Health Practice	3	No Equivalent	No Equivalent	No Equivalent

<b>Total Credits Required for Degree</b>	<b>120</b>
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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**

- Must be admitted to the University.
- Must have a minimum 2.5 GPA.
- Minimum grade of “C” or higher in: MATH 115, CHEM 114, BIOL 108, BIOL 205, PHYS 130, COHP 100, ENGL 150, communication competency course, culture elective.
- All MATH, BIOL, and CHEM courses must meet the above requirements within two attempts. A withdrawal, W grade counts as an attempt.

**Ferris State University and Southwestern Michigan College – Nuclear Medicine Technology- Transfer Guide**

Spring 2019

Ferris State University is an equal opportunity institution. For information on the University's Policy on Non-Discrimination, visit [ferris.edu/non-discrimination](http://ferris.edu/non-discrimination).

**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.