

**Ferris Program:** Nuclear Medicine Technology

**Degree Type:** Bachelor of Science

**Ferris College:** College of Health Professions

**Transfer School:** Grand Rapids Community College (GRCC)

**Consortium Eligible:** Yes

**Total Credits Required:** 120-121

**Catalog Year:** 2022-2023

### GENERAL EDUCATION REQUIREMENTS – 47-48 Credits Required

Students are encouraged to work with an advisor to select appropriate general education courses. Diversity Competency - 2 Courses Required. If not met by courses taken for Culture, Self and Society, or MTA, a student must meet the following: 1 course with the Global Diversity attribute and 1 course with the U.S. Diversity attribute.

Visit the Ferris State for more information.

#### Communication Competency

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* COMM 105 or COMM 121 or COMM 221	Interpersonal Communication or Fundamentals of Public Speaking or Small Group Decision Making	3	COM 135 or COM 131 or No Equivalent
* ENGL 150	English 1	3	EN 101
ENGL 250	English 2	3	EN 102
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing or Advanced Composition or Advanced Business Writing	3	EN 249 or No Equivalent or No Equivalent

\* These courses are qualifying courses for entry into the Nuclear Medicine (NM) major and are used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. These courses require a grade of C or higher.

#### Quantitative Literacy Competency

Requirements for Quantitative Literary Competency can be met with the following:

- Official Pre-2016 Math SAT Score of 560 or Higher
- Official Post-2016 Math SAT Score of 580 or Higher
- Official Math ACT Score of 24 or Higher

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* MATH 114 or MATH 115	Quantitative Reasoning for Professionals 2 or Intermediate Algebra	4 or 3	MA 115 or MA 107

\* This course is a qualifying courses for entry into the Nuclear Medicine (NM) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. These courses require a grade of C or higher.

## Natural Sciences Competency

Two courses are required with a minimum of 6 credits: must have at least one lab course.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* CHEM 114	Introduction to General Chemistry	4	CHM 120
* PHYS 130	Concepts in Physics	4	PH 111

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## Culture Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one at FSU 200 level or higher course.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Culture Electives (Consult Advisor)	9	Varies

## Self and Society Competency

Three courses are required with a minimum of 9 credits: must be from two different disciplines and have at least one at FSU 200 level or higher course, and at least one Self and Society Foundation course.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Self and Society Electives (Consult Advisor)	9	Varies

## Additional General Education Requirements

These courses are additional General Education courses to meet the requirements for this specific program.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* BIOL 251	Human Anatomy	3	BI 121
* BIOL 252	Human Physiology	3	BI 122

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## COLLEGE REQUIREMENTS – 73 Credits Required

### College of Health Professions (COHP) Core Curriculum

11 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
* COHP 100	Orientation to Medical Vocabulary	1	GH 110
COHP 101	The United States Health Care System	3	No Equivalent
COHP 102	Safety Issues in Health Care	1	No Equivalent
COHP 350	Statistics in Health Care	3	No Equivalent
COHP 450	Evidence-Based Health Care	3	No Equivalent

\* This course is a qualifying courses for entry into the Nuclear Medicine (NM) major and is used to meet some University General Education Requirements and College of Health Professions (COHP) Core Curriculum requirements. These courses require a grade of C or higher.

### Major Courses

60 Credits Required.

Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NUCM 100	Introduction to Nuclear Medicine	1	No Equivalent
NUCM 101	Practical Mathematics in Nuclear Medicine	1	No Equivalent
NUCM 110	Principles and Practices of Nuclear Medicine	3	No Equivalent
NUCM 111	Principles and Practices of Nuclear Medicine Laboratory	1	No Equivalent
NUCM 205	Nuclear Medicine Instrumentation	3	No Equivalent
NUCM 206	Nuclear Medicine Instrumentation Laboratory	1	No Equivalent

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
NUCM 215	Clinical Procedures 1	4	No Equivalent
NUCM 216	Clinical Procedures 1 Laboratory	1	No Equivalent
NUCM 240	Cross Sectional Imaging	3	No Equivalent
NUCM 310	PET, CT, and MR Imaging	4	No Equivalent
NUCM 320	Clinical Procedures 2	4	No Equivalent
NUCM 321	Clinical Procedures 2 Laboratory	1	No Equivalent
NUCM 340	Advanced Imaging Techniques	2	No Equivalent
NUCM 350	Nuclear Cardiology	2	No Equivalent
NUCM 351	Nuclear Cardiology Laboratory	1	No Equivalent
NUCM 360	Management and Leadership in Nuclear Medicine Technology	3	No Equivalent
NUCM 370	Pharmacology in Nuclear Medicine	1	No Equivalent
NUCM 485	Nuclear Medicine Technology Theory 1	1	No Equivalent
NUCM 486	Nuclear Medicine Technology Theory 2	1	No Equivalent
NUCM 493	Clinical Application in Nuclear Medicine Technology 1	10	No Equivalent
NUCM 494	Clinical Application in Nuclear Medicine Technology 2	10	No Equivalent
NUCM 499	Capstone for Nuclear Medicine Technology	2	No Equivalent

## Electives (Consult Advisor)

2 Credits Required. In order to graduate with a bachelor's degree, a student must have a minimum of 120 credits. The electives required for each student may vary depending on courses taken. Based on how a student meets the programmatic requirements, they may need more or less than 2 credits of elective courses to meet the required 120 credit minimum.

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Ferris Course	Ferris Course Title	Ferris Credit Hours	Transfer Course
Varies	Electives (Consult Advisor)	2	Varies

## PROGRAM CONTACT INFORMATION

Department of Diagnostic, Laboratory and Therapeutic Sciences  
(231) 591-2270

(616) 451-4777

## ADMISSION REQUIREMENTS

### New Student Admission Requirements

- 2.70 High School GPA (on a 4.00 scale) (2.50 -2.69 with college approval)
- Minimum Composite Score of ACT 18/SAT 950 OR 3.0 High School GPA (on a 4.00 scale) and Composite ACT 17/SAT 900

### Transfer Student Admission Requirements

- 2.50 College GPA (on a 4.00 scale)

### Admission Requirements for the Professional Sequence

- 2.50 College GPA (on a 4.00 scale)
- Obtain a grade of C or higher in the following courses: MATH 115, CHEM 114, BIOL 251/252, PHYS 130, COHP 100, ENGL 150, Communication Competency course, and Culture Competency elective course. -
- All Mathematics (MATH), Biology (BIOL), Physics (PHYS), and Chemistry (CHEM) courses must meet the above requirements within two attempts. A withdrawal, W grade, counts as an attempt.

Application Accepted: February 1st - 15th prior to summer semester requested.

## MORE INFORMATION

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 a statewide location).

To fulfill the residency requirement for a bachelor's degree a student must earn a minimum of 30 credits from Ferris State University.

### Steps to Apply

- Complete your .
- Submit official transcripts
  - Submit official transcripts from every school attended to
  - Or mail to:  
Ferris State University Admissions Office  
1201 S. State St., CSS 201  
Big Rapids, MI 49307
- Submit test scores (if required)
  - ACT Scores; go to the - Ferris State University School Code: 1994
  - SAT, CLEP and AP Sores; go to the - Ferris State University School Code: 1222

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## Advising Notes

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, transfer policies and have any questions answered prior to completing an application. Ferris accepts transfer courses in which the student earned a letter grade of "C" or better. Additional policies such as the Ferris Sunset and Residency Requirement should be discussed with a Ferris advisor. 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 coursework may reduce the chance of completing a course that will not apply toward the selected degree. Students must work with their Ferris advisor to declare a Minor or Concentration and for the selection of Directed Electives.

Once admitted, students are required to complete an orientation and should continue to meet with an advisor as they work toward graduation.

To schedule an appointment or for additional transfer resources and policies see our .

\*Indicates an approved Ferris course substitution

## Reverse Transfer Agreement

Ferris has reverse transfer agreements with several Michigan Community Colleges. Under such agreement, Ferris will provide your official University transcript to a partner school you have attended, so that they may grant you an associate or bachelor's degree upon completion of sufficient and appropriate credit hours from both institutions. In turn, the degree-granting institution will provide Ferris with an updated transcript reflecting the newly earned credential.

## 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.

## Transfer Equivalencies Tools

The transfer equivalencies link is located in the Transfer Resources section at .

## Disclaimer

Transfer guides are not intended to be a contract with Ferris. The information in this guide is subject to change and is aligned with the catalog year listed above. Students should contact their community college and/or Ferris to keep informed of changes. Students' final responsibility for verifying all transfer information lies with the student. Please refer to the for the most current curriculum.

Partners may contact the Office of Transfer and Secondary School Partnerships with questions or updates at .