



Veterinary Nursing A.A.S.

Career Community: Applied Science

Curriculum Code: 0287

Effective: Fall 2023 – Summer 2028

Description

Veterinary nurses are professionals dedicated to animal health care. They are vital members of the veterinary medical team and are trusted with diverse medical responsibilities, including animal nursing care, life support, laboratory specimen analysis, physical therapy, surgical assistance, anesthesia, dental hygiene, X-ray imaging, nutritional management, and client education. The variety in veterinary nursing makes it a challenging medical career for those who enjoy working with animals and people. Career opportunities exist with veterinary hospitals, biomedical research institutions, zoological parks, and other animal care facilities.

This program is offered through a joint agreement between Lansing Community College (LCC) and Michigan State University (MSU), with Major courses taught by MSU and General Education courses taught by LCC.

Milestone

Completion of the required General Education Math, English, and Science courses with a 2.0 or higher are key components for success in completing this program. Knowledge obtained in these courses is the foundation for learning in other required courses. Students are encouraged to contact their faculty if they need additional assistance with learning the concepts presented in these courses.

Additional Information

MSU's admission is competitive. Please consult MSU College of Veterinary Medicine for application deadlines. Successful applicants would start attending classes at the MSU Veterinary School the following fall semester. Students are advised to have a strong background in biology, chemistry, algebra and writing. Students must seek at least 80 hours of experience in the veterinary clinical setting. This experience will help students form the foundation for career development and is part of MSU's admission requirements. Students planning to transfer should see an academic advisor before enrolling in any course. Students must earn a minimum grade of 2.0 in all General Education – Applied Degree courses.

Contact Information

For further information, including career options, course substitutions and waivers, etc., contact the Science Department, Arts & Sciences Building, Room 3203, telephone number (517) 483-1092 or the [MSU Veterinary Nursing Program](#), or the Center for Academic and Career Pathways – GB StarZone, telephone number (517) 483-1904.

General Education – Applied Degrees, Recommended Courses

(For the full list of options, see [General Education](#))

- English Composition or Applied English
Program of Study Required Courses will meet this requirement.
- English Composition (second course) or Communication or Applied Communication
Program of Study Required Courses will meet this requirement.
- Humanities and Fine Arts or Social Science or Applied Social Science
Program of Study Required Courses will meet this requirement.
- Mathematics or Applied Mathematics
Program of Study Required Courses will meet this requirement.
- Natural Sciences Lab or Applied Science and Technology Lab
Program of Study Required Courses will meet this requirement.

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
BIOL 121	Biol Foundation for Physiology	4 / 6
COMM 120	Dynamics of Communication	3 / 3

Program of Study Required Course, Limited Choice – *Select one; fulfills the Humanities and Fine Arts or Social Science or Applied Social Science area*

Course Code	Course Title	Credit / Billing Hours
ECON 120	Power, Authority and Exchange	4 / 4
GEOG 200	World Regional Geography	4 / 4
HUMS 160	Mythology	4 / 4
HUMS 223	The Western World to 1500	4 / 4
HUMS 224	The Western World since 1500	4 / 4
MUSC 240	Musical Cultures to 1750	4 / 4
MUSC 241	Musical Cultures 1750-Present	4 / 4
PHIL 211	Philosophy: Ancient & Medieval	4 / 4
PHIL 212	Philosophy: Modern & Contemptry	4 / 4
SOCL 120	Introduction to Sociology	4 / 4

Program of Study Required Course, Limited Choice – *Select one; fulfills the Mathematics or Applied Mathematics area*

Course Code	Course Title	Credit / Billing Hours
MATH 120	College Algebra	4 / 4
MATH 122	Trigonometry	4 / 4
MATH 126	Precalculus	5 / 5
MATH 151	Calculus I	4 / 4

Program of Study Required Course, Limited Choice – *Select one; fulfills the English Composition or Applied English area*

Course Code	Course Title	Credit / Billing Hours
ENGL 121	Composition I	4 / 4
ENGL 131	Honors Composition I	4 / 4
ENGL 122	Composition II	4 / 4
ENGL 132	Honors Composition II	4 / 4

MSU Veterinary Nursing Courses

Forty-three (43) credits from the Veterinary Nursing Certificate of Completion from Michigan State University

Institutional Requirements

Choose an appropriate Lansing Community College course or courses so the total number of credits taken at LCC is 15 or more per college policy, and so at least 60 credits are earned toward the degree. Part of this requirement may automatically be fulfilled if a student completes 15 or more credits of the Program of Study Required Courses at LCC.

Minimum Total Credit Hours

62 credit hours/ 21 billing hours

Recommended Course Sequence

(Sequence may be determined based on prerequisites for the courses. To obtain current prerequisite information, search for the course in Banner and select “View Catalog Entry”.)

Semester I
COMM 120 or Limited Choice Humanities and Fine Arts or Social Science or Applied Social Science Limited Choice English Composition or Applied English Limited Choice Mathematics or Applied Mathematics
Semester II
BIOL 121 COMM 120 or Limited Choice Humanities and Fine Arts or Social Science or Applied Social Science
Semester III
Veterinary Nursing courses from MSU
Semester IV
Veterinary Nursing courses from MSU

Semester V
Veterinary Nursing courses from MSU

Semester VI
Veterinary Nursing courses from MSU

Semester VII
Internship

LCC makes every effort to limit revisions to the pathways during their effective timeframe. However, the College reserves the right to update certificate and degree title changes, and make course changes as needed, without prior notice.