

# BIOLOGY, MASTER OF SCIENCE

Offered by Department of Biology (<http://catalog.unk.edu/graduate/departments/biology/>)

## Program Information and Admission Requirements

### Master of Science in Biology

- Option A: Thesis Option (on-campus program)
- Option B: Non-Thesis Option (online program)

## Admission Requirements

All students must meet the general entrance requirements of the Office of Graduate Studies and Academic Outreach.

A letter of intent outlining professional goals must be uploaded during the application process. The letter should be a concise essay concerning career goals and identification of the means by which the student proposes to achieve these goals. Accomplishments toward these goals should be included, but personal information should not be included in this letter.

Students interested in a thesis option must first contact the Graduate Program Committee Chair and receive support from a faculty member for acceptance into the program.

Admission to a Master's degree program in Biology is based on consideration of the following:

- **Both Option A and Option B**
  - **GPA:** Applicants with an undergraduate GPA greater than 2.75, on a 4.00 scale, are not required to submit a GRE score.
  - **Undergraduate Coursework Requirements:** Applicants must either have a BA or BS in Biology or related discipline that includes a minimum of 24 hours of undergraduate Biology coursework.
  - **Policy on Conditional Admittance:** If below the minimum GPA of 2.75, applicants have the opportunity to demonstrate their potential for success in the graduate program one of two ways:
    - take the GRE and earn a Verbal and Quantitative score greater than 290
    - demonstrate proficiency in upper-level undergraduate Biology courses by earning a B or better in 6 credit hours (semester system) of upper division (junior and senior level) natural science coursework

## Graduation Requirements

### Option A: Thesis Option Requirements (on-campus program)

- **Course Requirements:** Complete 36 credit hours of committee approved level coursework.
- **Grade Point Average:** A minimum 3.0 GPA is required to graduate. Grades of C and above are acceptable but grades of C- and below are unacceptable.
- **Research Requirement:** Complete thesis on committee approved original research.

Complete an oral defense of the thesis before the degree will be granted. (A preliminary copy of the thesis is to be submitted to the Graduate Dean one month prior to the expected date of graduation.)

### Option B: Non-Thesis Option Requirements - (online program)

- **Course Requirements:** Complete 36 credit hours of committee approved level coursework. Students are highly encouraged to take BIOL 820, Introduction to Graduate Study, during their first 9 credit hours of graduate work in Biology.
- **Grade Point Average:** A minimum 3.0 GPA is required to graduate. Grades of C and above are acceptable but grades of C- and below are unacceptable.
- **Final Examination:** A satisfactory score must be received on the comprehensive examination, taken during the final session of enrollment, before the degree will be granted.

## Transfer Credit Hours

Students are allowed to transfer up to 9 credit hours into their degree path. These credit hours must fall into the following parameters:

1. All courses must be Graduate level Biology credit hours from an accredited institution.
2. Courses must be completed with a grade of B or better and must not have been graded as pass/fail.
3. All courses on your degree path must be completed within the given 10 year time frame.
4. Courses cannot have been used in obtaining another degree.

*This program is offered on campus and online.*

### Option A: Thesis Option (on-campus program)

Code	Title	Credit Hours
<b>Requirements</b>		
BIOL 802	Organic Evolution	3
BIOL 820	Introduction to Graduate Study	3
BIOL 831	Biological Research <sup>1</sup>	3
BIOL 880	Seminar in Graduate Studies <sup>2</sup>	3
BIOL 896	Thesis <sup>3</sup>	6
<b>Electives</b>		
Select 18 credit hours of graduate level Biology courses <sup>4</sup>		18
Total Credit Hours		36

### Option B: Non-Thesis Option (online program)

*In lieu of a defense of thesis, students completing Option B will be required to pass a written comprehensive examination covering the major areas of the biological sciences during their last term of enrollment.*

Code	Title	Credit Hours
<b>Requirements</b>		
BIOL 802	Organic Evolution	3
BIOL 820	Introduction to Graduate Study <sup>5</sup>	3

BIOL 827	Biological Statistics	3
BIOL 881	Current Issues in Biology <sup>6</sup>	3
<b>Electives</b>		
Select 24 credit hours of graduate level Biology courses <sup>4</sup>		24
Total Credit Hours		36

1

BIOL 831 is 1-3 credit hours and must be taken for a total of 3 credit hours.

2

BIOL 880: is a one credit hour course. Students are required to complete three, one-hour seminar courses totaling 3 credit seminar hours within the area of Biology.

3

Thesis is 1-6 credit hours and must be taken for a total of 6 credit hours.

4

As approved by the student's graduate advisor, all graduate level Biology courses (BIOL) will fulfill the elective requirements for the degree. This includes courses with a P designation (have an undergraduate counterpart).

5

Students are highly encouraged to take Introduction to Graduate Study during their first 9 credit hours of graduate work.

6

Current Issues is one credit hour and must be taken three separate semesters for a total of 3 credit hours.