

OLD DOMINION UNIVERSITY
PROPOSAL FOR A NEW MINOR, NEW INTERDISCIPLINARY MINOR
OR SIGNIFICANT CHANGES TO AN EXISTING MINOR

A minor may be chosen by students to support the major, to offer greater job opportunities to the student on graduation, or to provide recognition of study in a second academic area. Completion of an approved minor will meet the upper-division General Education requirement. A minimum of 12 credit hours, normally at the advanced level (300-400) in a specified field of study is required.

Interdisciplinary minors require 12 credit hours of 300/400-level courses selected from at least two different disciplines with a maximum of six credits from any one discipline. Three credit hours in the interdisciplinary minor may be in the major, if a major course is listed as an option for the interdisciplinary minor. As such, it will be credited toward both the major and the interdisciplinary minor.

Please refer to the Undergraduate Catalog for the complete policy on minors.

Minimum enrollment expectations for minors are five graduates in five years or the minor will be discontinued.

Proposed Action (check one)

New Minor New Interdisciplinary Minor Significant Changes to an Existing Minor

1. Name of proposed minor or minor to be changed:

Minor in Biomedical Sciences

2. Description of proposed minor or change to an existing minor:

The minor in biomedical sciences will give students a basic understanding of microbiology, immunology, and other areas in modern biomedical sciences, which will provide greater job opportunities and advanced educational routes to graduates

3. Rationale for proposal:

(address what the proposed minor will accomplish for students)

This minor will provide students with a basic understanding of microbiology, immunology, and other areas in modern biomedical sciences.

4. Majors likely to enroll in the minor (for new minors):

Data Science, Health Services Administration (Public Health), Human Services, Medical Laboratory Science, Psychology, Public Health

5. Projected enrollment and why (for new minors):

The goal for this minor would be 5-10 new students per year.

6. Proposed Effective Term:

Fall 2026

7. Resources needed, including human resources, library resources, faculty resources, and funding resources:

No additional resources would be needed. These classes are currently offered in an on-line format and are planned for the move to the 8-week format.

8. Program requirements: [List below all courses required for the minor, the prerequisites, and the total hours required for the minor. Submit the appropriate information through the online Course Inventory Management (CIM) process in CourseLeaf (nextcatalog.odu.edu/courseadmin) for all new courses/course changes.]

Prerequisites: BIOL 121N, 122N, 123N, 124N, 293

Required courses (8 credits): BIOL 302 (3 credits), BIOL 316 (3 credits), BIOL 318 (2 credits)

Elective courses (5-8 credits): BIOL 426 (5 credits), BIOL 470T (3 credits), BIOL 476 (3 credits)

Total credits: 13-16 credits

9. Description (showing new copy or revised copy) for the next Undergraduate Catalog.

The minor in biomedical sciences will give students a basic understanding of microbiology, immunology, and other areas in modern biomedical sciences, which will provide greater job opportunities and advanced educational routes to graduates.

10. Schedule for offering courses (include whether the minor can be completed in two years and whether it will be available through Distance Learning) (for new minors):

This minor can be completed in two years. BIOL 302, 316, and 318 and prereqs are offered every semester (F, Sp, Su). BIOL 426 and 470T are offered Su BIOL 476 is offered F and Sp. All available via DL.

11. Effect on current department course schedule (for new minors):

There will be no changes to the current department course scheduling.

APPROVED

Clayton
Wright

Digitally signed by
Clayton Wright
Date: 2026.01.06
13:07:51 -05'00'

Originator of Request

Holly Gaff

Digitally signed by Holly
Gaff
Date: 2026.01.06
15:18:02 -05'00'

Department Chair

Matthew Nerem: 2026.01.08


Chair, College Committee

Joshua
Wallach

College Dean

Digitally signed by Joshua
Wallach
Date: 2026.01.09
10:28:53 -05'00'

Date

External Department Chair(s) Date
(If applicable)

Chair, Faculty Senate Date
Committee A

Provost Date

ADMINISTRATIVE CODING

Effective Term _____

Major Code _____

College _____

Degree Code _____

Department _____

New Minor in Biomedical Sciences

Total credits required: 13-16

Prerequisites:

BIOL 121N General Biology 1 (3 credits)

BIOL 122N General Biology 1 Lab (1 credit)

BIOL 123N General Biology 2 (3 credits)

BIOL 124N General Biology 2 Lab (1 credit)

BIOL 293 Cell Biology (3 credits)

Required courses (8 credits):

- 1) **BIOL 302 Introduction to Immunology** (3 credits)

Prerequisite courses: BIOL 293

- 2) **BIOL 316 General Microbiology** (3 credits)

Prerequisite courses: BIOL 293

- 3) **BIOL 318 Online General Microbiology Laboratory** (2 credits)

Prerequisite courses: BIOL 293

Elective courses (5-8 credits):

- 1) **BIOL 426 Histology** (5 credits)

Prerequisite courses: BIOL 240 or 250 and BIOL 293

- 2) **BIOL 470T Diseases that Changed our World** (3 credits)

Prerequisite courses: BIOL 123N or 138N or 117N

- 3) **BIOL 476 Cancer Immunology and Immunotherapy** (3 credits)

Prerequisite courses: BIOL 293