**STUDENT INFORMATION**

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| **Name:**       | **NAU ID:**        |
| **NAU E-mail Address:**        | **Phone Number:**       |
| **Term of Admission:**         | **Expected Graduation Term/Year:**        |
| **Advisor:**       | **Required Credits for Degree Program: 60** |

# **Biology Common Coursework (6 units required):**

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
| BIO 503 | Elements of Scientific Endeavor |       |       |       |       |       |       |
| BIO 504 | Pan-Biology |       |       |       |       |       |       |

**II.** **Biology Electives (29 units required):**

* Electives, beyond the bachelor’s degree, covering the major principles of biology.

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
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**III. Choose the Ecology, Evolution, and Conservation Biology Emphasis or Additional Biology Coursework (10 units required)**

**Option 1: Ecology, Evolution, and Conservation Biology Emphasis (10 units):**

* **Emphasis Core (4 units):**
	+ Select ONE course from BIO/ENV/FOR 577 (3 units)
	+ Select ONE seminar course from BIO 698 or FOR 505 (1 unit)
* **Breadth Courses (6 units):** Select ONE course from TWO of the following groups:
	+ **Quantitative:** BIO 523, BIO 676, BIO 580, FOR 606, (EES 529 or GSP 529), or other graduate-level coursework in quantitative ecology at NAU, with your advisor’s approval.
	+ **Physiological/Population/Community:** BIO 570, BIO 571, BIO 573, BIO 663, BIO 673, ENV 540, FOR 504, FOR 517, FOR 520, FOR 543, FOR 545, FOR 550, FOR 551, FOR 552, FOR 553, FOR 560, FOR 580, FOR 582, FOR 604, or other graduate-level coursework in physiological, population, or community ecology at NAU, with your advisor’s approval.
	+ **Ecosystem/Global:** (BIO 507 or FOR 507), BIO 578, ENV 571, FOR 515, FOR 544, or other graduate-level coursework in ecosystem/global ecology at NAU, with your advisor’s approval.

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
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**Option 2: Additional Biology Coursework (10 units):**

* Additional Biology coursework and/or electives from one or two related fields, with the recommendation of your research committee.

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
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**IV. Dissertation (15 units required):** BIO 799 for the research, writing, and oral defense of an approved dissertation.

* Please note that you may count only 15 units of dissertation credit toward your degree. However, experience tells us that our doctoral students in Biology end up taking an average of 36 units. This is due to the requirement that you register for BIO 799 for each semester during which you work on your dissertation.

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| **Course**  | **Course Title** | **Replacement Course** | **Semester** | **Year** | **Units** | **Grade** | **T/P/I/A\*\*** |
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**Additional Information**

In addition, we require that you:

* Have a reading knowledge of one foreign language or skill in statistics.
* Perform satisfactorily on a comprehensive exam in your fifth semester.
* Fulfill Northern Arizona University's residency requirements. (For more information about residency and other requirements that pertain to this degree, see [Doctoral Requirements Policy](https://www7.nau.edu/policy/policy.aspx?num=200105).)
* Pass the oral exam on your dissertation (Dissertation Defense)

This Program of Study documents your progress on your academic requirements for the degree and catalog year listed above. For Department of Defense-related requirements, it serves as the evaluated and approved educational plan.

In addition to all University and Office of Graduate & Professional Studies (OGPS) policies, procedures, and requirements, graduate students must also adhere to the academic requirements, policies, procedures, and criteria outlined by their program’s Graduate Student Handbook.

**Students:**

You must secure official approval by your advisor and Department Chair/Director before submitting your final Program of Study for graduation.

By signing or entering your name below, you agree to the following statement:

*“Students are responsible for complete knowledge of Academic Catalog requirements in their degree plan for their catalog year and adhering to all policies in the Academic Catalog.”*

**Advisors and Chairs/Directors:**

Please indicate approval of the curriculum on the Program of Study by placing your signature (formal digital signatures are permitted) in the space provided.

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| **Student:**       | **Date:**       |
| **Advisor:**       | **Date:**       |
| **Chair:**       | **Date:**       |

**\*\*Transfer/Previous Graduate Degree/Internal Transfer/Accelerated (T/P/I/A)** – Must have Advisor approval

Transfer T = Course transferred from another university

Previous Graduate Degree P = Course taken at NAU from previous graduate degree

Internal Transfer I = Graduate-level course taken as undergraduate; Not applied to undergraduate degree

Accelerated Program “Dual-use” A = Courses completed during the undergraduate career and used to satisfy both the Bachelor’s and Master’s degree requirements. ONLY for designated Accelerated students.