

Biodiversity Conservation Minor  
College of Natural Resources and Environment  
Department of Fish and Wildlife Conservation

**For students graduating in calendar year 2022 and for  
student date of entry under UG Catalog 2020-2021**

Student Name: \_\_\_\_\_ ID# (Last Four Numbers Only): \_\_\_\_\_

*Key to Pathways outcomes:* Discourse (1-D), Critical Thinking in the Humanities (2-CTH), Reasoning in the Social Sciences (3-SS), Reasoning in the Natural Sciences (4-NS), Quantitative and Computational Thinking (5-QCT), Critique and Practice in Design & the Arts (6-D&A), Critical Analysis of Identity and Equity in the United States (7-IE).

Where more than one outcome is listed, only one outcome may be counted unless it is outcome 7-IE, which may be double counted with another outcome.

**A minimum of 18 credit hours required, to include:**

<b>Required Foundational Courses (6 credit hours)</b>	<b>Credit Hours</b>	<b>Pathways Outcomes</b>
___ <b>FREC 1004 (GEOG1084)</b> Digital Planet	3	5f-QCT
___ <b>FIW 2114</b> Principles of Fish and Wildlife Conservation	3	4-NS

***Mid-Level courses – select 3 courses from the two restricted Elective groups as follows (9-10 credit hours):***

- \_\_\_ One course from the Human Dimensions Area
- \_\_\_ One course from the Natural Resources Area
- \_\_\_ One course from either the Human Dimensions or Natural Resources area

<b>Human Dimensions Restricted Electives</b>	<b>Credit Hours</b>	<b>Pathways Outcomes</b>
___ <b>AAEC 3324</b> Environmental & Sustainable Development Economics (Pre: 1005 or 1006 or ECON 2005)	3	3-SS & 7-IE
___ <b>FIW 4464</b> Human Dimensions of Fish & Wildlife (Pre: 2114)	3	
___ <b>GEOG 3104</b> Environmental Problems, Population & Development	3	3-SS
___ <b>HIST 3144</b> American Environmental History	3	2-CTH, 3-SS
___ <b>STS 2454</b> Science, Technology and Environment	3	2-CTH

***Natural Resource Restricted Electives***

	<b><i>Credit Hours</i></b>	<b><i>Pathways Outcomes</i></b>
___ <b>FIW 2234</b> Fish, Fishing, and Conservation	3	3-SS, 4-NS
___ <b>FIW 2324</b> Wildlife Field Biology	3	
___ <b>FIW 3414</b> Disease Ecology and Ecosystem Management (Pre: BIOL 1105, 1106)	3	
___ <b>FIW 4324 (FREC 4324)</b> Genetics of Natural and Managed Populations (Pre: BIOL 1105, 1106, STAT 3005 or STAT 3615 or FOR 3214 or FREC 3214)	3	
___ <b>FIW 4424</b> Ichthyology	4	
___ <b>FIW 4454</b> Human Wildlife Conflict Resolution (Pre: Senior standing)	3	
___ <b>FIW 4534</b> Ecology and Management of Wetland Systems (Pre: BIOL 3204)	3	
___ <b>FIW 4614</b> Fish Ecology (Pre: BIOL 1106)	3	
___ <b>FREC 3364</b> Environmental Silviculture (Pre: 2324)	3	

***Required Capstone Course (3 credits)***

	<b><i>Credit Hours</i></b>	<b><i>Pathways Outcomes</i></b>
___ <b>FIW 4114</b> Biodiversity Conservation (Pre: 2114)	3	3-SS,4-NS

**Notes for Biodiversity Conservation Pathways Minor:**

1. Students in the Fish and Wildlife Conservation Degree (Wildlife Conservation, Freshwater Fish Conservation, and Marine Fish Conservation) are not eligible to declare the Biodiversity Conservation Pathways Minor.
2. At least two courses taken must be at the 3000-4000 level.
3. Any course substitution requests of the courses above must be proposed in writing to the College of Natural Resources and Environment Advising Center in 138 Cheatham Hall.
4. Some courses listed on this checksheet may have prerequisites, please consult the University Course Catalog, or check with your advisor.
5. A minimum cumulative GPA for all classes taken for the minor is 2.0

**Steps for completing the Biodiversity Conservation Minor**

1. Make an advising appointment with the Biodiversity Conservation Minor Coordinator for orientation to the minor.
2. Declare the Biodiversity Conservation minor at the CNRE Advising Center in 138 Cheatham Hall.
3. Include minor information when updating the application for degree in Hokie Spa.
4. Students cannot graduate until they have either (1) satisfied the requirements for the minor or (2) withdrawn from the minor by notifying CNRE Advising Center office in 138 Cheatham and revising their DARS.