

# Environmental Education (Minor)

The undergraduate minor in Environmental Education is offered to students interested in building environmental literacy (environmental knowledge, attitudes, skills & behaviors) among pre-K through adult audiences. This minor may be right for you if you are interested in careers in informal science education (e.g., in museums or aquaria), environmental interpretation (e.g., parks and nature centers), formal K-12 education, or any other career that involves connecting people with the environment. The minor is designed to give an opportunity to make substantial progress toward the NC Environmental Education Certification program (<https://www.eenorthcarolina.org/certification/>), a certification listed as a requirement (or working towards) for positions within many parks and informal science education facilities, and recognized and favored nationally by many museums, aquaria, and nature centers.

Application for admission to any University minor program is now available via MyPack Portal. Admission will be based upon the student's academic record, and in most cases no longer requires departmental review. To apply to the Environmental Education minor, go to Add a Minor (<https://studentservices.ncsu.edu/your-degree/coda-home/add-a-minor/>). Students will be notified on a rolling basis. Once accepted into the Environmental Education Minor, students will be able to sign up for Minor courses. A limited number of minor seats will be reserved in the courses on the minor list.

## Contact

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**SIS code: 15EEDM**

## Plan Requirements

To be certified as having completed the minor in Environmental education, students must have a minimum 2.0 grade point average across all courses used toward the minor. The minor will be certified prior to graduation. The minor must be completed no later than the semester in which the student expects to graduate from his or her degree program. Paperwork for the minor should be completed no later than during the registration period for the student's final semester at NC State. Other specifications include:

- Enrollment in the minor is open to any student at NC State.
- Students must take 6 hours of required courses and 9 hours of electives for a total of 15 hours, per the course requirements list
- No more than six (6) hours of transfer credits can be used toward the minor.

## Required Courses

Code	Title	Hours
EMS 450	Teaching Environmental Education <sup>1</sup>	3
PRT 485	Environmental Education in Practice	3

## Elective Courses <sup>2</sup>

Code	Title	Hours
<b>Natural Sciences <sup>3</sup></b>		<b>3</b>
FW 221	Conservation of Natural Resources	
FW 333	Conservation Biology in Practice	
FW 373	Vertebrate Natural History	
FW 403	Urban Wildlife Management	
NR 350	International Sustainable Resource Use	
FW 411/511	Human Dimensions of Wildlife and Fisheries	
SMT 302	Processing of Biomaterials	
PSE 335	Principles of Green Chemistry	
ES 100	Introduction to Environmental Sciences	
ES 200	Climate Change and Sustainability	
PB 200	Plant Life	
PB 220	Local Flora	
SSC 185	Land and Life	
MEA 135	Introduction to Weather and Climate Laboratory	
FOR 260	Forest Ecology	
FOR 330	North Carolina Forests	
FOR 401	Dendrology	4
<b>Teaching &amp; Facilitation Courses <sup>4</sup></b>		<b>3</b>
EMS 205	Introduction to Teaching Science	
EMS 375	Methods of Teaching Science I	
PRT 230	Foundations of Outdoor Recreation Management	
PRT 342	Recreation and Park Interpretive Services	
PRT 415	Principles and Practices of Outdoor Leadership	
AEE 325	Planning and Delivering Non-Formal Education	
AEE 435	Professional Presentations in Agricultural Organizations	
<b>Interdisciplinary Perspectives on the Environment <sup>5</sup></b>		<b>3</b>
PRT 203	Humans and the Environment	
BIO 227	Understanding Structural Diversity through Biological Illustration	
CNR 250	Diversity and Environmental Justice	
IDS 201	Environmental Ethics	
HI 440	American Environmental History	
ARE/EC 336	Introduction to Resource and Environmental Economics	
LAR 221	Introduction to Environment and Behavior for Designers	
LAR 444	History of Landscape Architecture	
<b>Total Hours</b>		<b>13</b>

<sup>1</sup> EMS 450 is a prerequisite for PRT 485

<sup>2</sup> Students must take 3 hours of Natural Sciences courses, 3 hours of Teaching and Facilitation courses, and 3 additional hours from either one of these categories OR from the Interdisciplinary Perspectives courses. Students who identify other courses more appropriate to their goals should consult with the minor advisor to seek permission for those courses to count.

<sup>3</sup> These courses are meant to provide the content knowledge commonly used in environmental education, which usually includes natural history or identification knowledge, knowledge of ecosystems, or knowledge of environmentally friendly practices.

<sup>4</sup> These courses are intended to give students a background in teaching and learning theory and practices.

<sup>5</sup> Select 3 hours from here OR from any of the courses in the other two areas. These courses are designed to give students a broader view beyond natural science and teaching. These courses may be particularly useful to those interested in a specific topic (e.g., environmental justice) or who anticipate employing EE principals in a diversity of careers (e.g., planning departments).