

Course Title: Ecology: The Exploration of Ecosystems & Biomes

Teacher: Robert Banks

Hour 4 - Semester 1 - 2021/22

0.5 Science Credit

[Click here to hear Robert talk about this course!](#)

COURSE INFORMATION:

Course Description: Ecology 1 is a mid-level science course that begins the study of nutrient cycling in ecosystems. Students will have the opportunity to engage in restoration work on the Shabazz grounds and in nearby Dane County Parks. The main theme is the nature of cycles and feedback loops in ecosystems. Time permitting students will be introduced to the basics of nature photography and will create a portfolio of work by semesters end.

Prerequisites: Cell Biology and Chemistry are recommended.

Method of Instruction: A mixed approach utilizing direct instruction, independent research, and experiential learning.

Course Objectives (standards): HS LS2-3, HS LS2-4, HS LS2-5

Graduate Vision Competencies: skillful communicator, growth mindset, and creative/critical thinking.