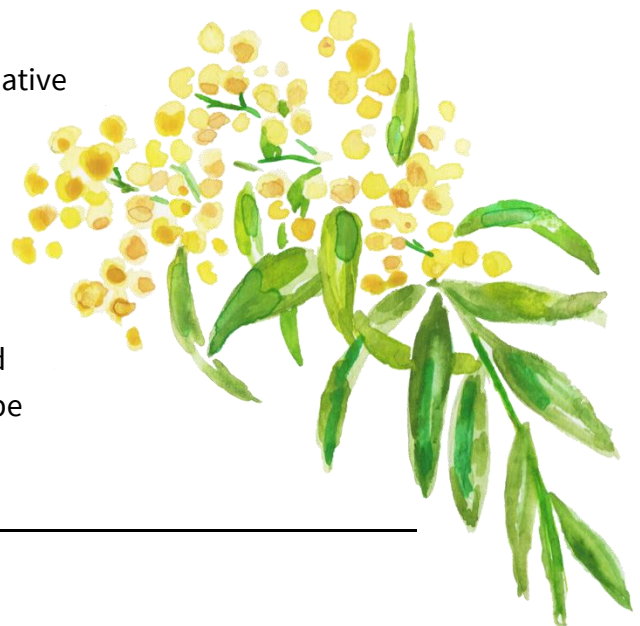


HONS 129 for Summer 2026 (1 Credit)

Roots and Wings: Native Plants, Pollinators, and Sustainable Landscapes

Taught by Dr. Edie Hardcastle, Biology – Wednesday, 9:00 am – 11:50 am

This summer course introduces students to the identification, cultivation, and ecological value of native plants, with special attention to their role in supporting pollinators. Students will learn in both classroom and outdoor settings, practicing plant identification, engaging in native plant installation and care, and participating in invasive plant management. The course highlights how land management choices, including pesticide use, shape pollinator health and biodiversity.



Learning Outcomes

By the end of this course, students will be able to:

1. Identify common native and invasive plant species in southern Indiana.
2. Explain the ecological value of native plants for pollinators and ecosystems.
3. Learn methods of planting and maintaining native species.
4. Evaluate and apply invasive species management strategies.
5. Analyze how pesticides affect pollinators and propose pollinator-safe alternatives.
6. Design a small-scale native planting.

Course	CRN	Title	Day/Time	Room	Instructor
HONS 129.HS1		Roots and Wings	W 9:00-11:50 am	SC 1238	Hardcastle, E.