

Graduate Certificate in Environmental Education

FAU Department of Teaching & Learning Information Sheet

The Graduate Certificate in Environmental Education will appeal to students and professionals in the natural sciences, communications, and education. It can be taken on its own by non-degree seeking students, as a supplement to graduate students in other programs, or by working professionals who don't have the time, finances, or initial inclination to pursue a 36 credit Master's Degree in Environmental Education. For interested students, the series of four courses will improve key content knowledge, boost science education pedagogy, cover effective lesson planning and curriculum design, survey new research, and explore the exciting potential of environmental education (EE) in our increasingly challenging world.

One course is fully online, and the remaining coursework and experiences are centered around Palm Beach and Martin counties, with their impressive range of high-quality natural sites and extensive community expertise. Environmental education here features beaches, the Everglades, a Wild and Scenic river, and wildlife like sea turtles, alligators, and manatees.

Program Summary (12 credits)

Number	Course Name	Location	Offered
SCE 6345	Perspectives of EE	FAU Jupiter & Pine Jog	fall evenings
SCE 6151	Science: Elementary & Middle School*	FAU Jupiter	spring evenings
SCE 6644	Trends and Issues in EE	online	fall evenings
SCE 6344	Advanced Methods of EE	various	8 spring Saturdays

Flight Plan: Standard

One course per term, for local students and professionals working full time.

1. Fall: SCE 6345 Perspectives of EE (FAU Jupiter and FAU Pine Jog)
2. Spring: SCE 6151 Science: Elementary & Middle School (FAU Jupiter)
3. Fall: SCE 6344 Trends & Issues in EE (online, synchronous sessions every other week)
4. Spring: SCE 6644 Advanced Methods (various locations)

Flight Plan: Accelerated

Two courses per term, for those wishing to complete in a single winter.

1. Fall: SCE 6345 Perspectives of EE (FAU Jupiter and FAU Pine Jog)
2. Fall: SCE 6344 Trends & Issues in EE (online, synchronous sessions every other week)
3. Spring: SCE 6151 Science: Elementary & Middle School (FAU Jupiter)
4. Spring: SCE 6644 Advanced Methods (various locations)

Course Summaries

SCE 6345 Perspectives of Environmental Education

At the FAU Jupiter Campus (right off I95, easy parking) and FAU Pine Jog, fall evenings.

Through readings and discussion, learn about the past, present, and especially the future possibilities of environmental education.

SCE 6151 Science: Elementary & Middle School (special section)*

At the FAU Jupiter campus, spring evenings.

Join preservice teachers in the new EEhEE program (Elementary Education with Honors in Environmental Education) and learn techniques for modern, effective science education, focusing on better integration of formal (classroom) and informal settings. The engaging and effective research-based pedagogies covered are readily adaptable to students of all ages.

SCE 6644 Trend & Issues in Environmental Education

Fully online with biweekly synchronous sessions, fall evenings.

Immerse yourself in the latest environmental and science education literature with high level discussions, and become an effective EE curriculum designer.

SCE 6344 Advanced Methods of Environmental Education

At EE providers in Palm Beach and Martin Counties, select spring Saturdays.

Visit with park staff, nature center educators, and wildlife rehabilitators who design programs and educate schoolchildren and the public in creative and amazing ways.

* At the discretion of the Coordinator of Environmental Education, students with very specific audiences in mind may substitute courses such as Effective Practices in Early Childhood Environmental Education (EEC 6327) or a course in adult or secondary science education.

Core coursework incorporates the North American Association for Environmental Education's *Professional Development of Environmental Educators: Guidelines for Excellence* and is currently being submitted for accreditation by NAAEE. The three in-person courses will offer participants a chance to learn from and network with inspiring peers and professionals.

For more information, see:

<https://www.fau.edu/education/academicdepartments/tl/environmental-education/>

or contact:

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