

University of North Carolina Wilmington

Summer 2027: SIRE & Southern ROOTS

Summer Programs at UNCW

Transformative Experiences Through Research,
Culture, and Local Engagement



Presented by

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Office of International
Students & Scholars

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**20
27**



OFFICE of INTERNATIONAL
STUDENTS AND SCHOLARS

SIRE: Summer International Research Experience

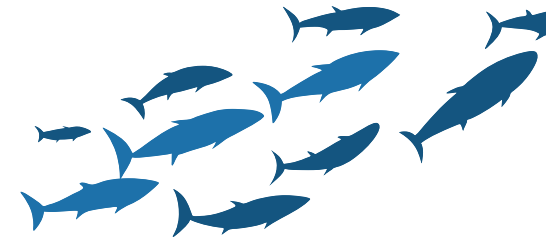
- ✓ Hands-on experience
- ✓ Participate in aquaculture from hatch to harvest
- ✓ Explore one of the country's most historic ports
- ✓ One-on-one mentorship with aquaculture faculty

Our SIRE program participants gain well rounded skills in the field, professional connections, and insights into the future of sustainable seafood.



Overview - SIRE

June 22 - July 20, 2027



- ✦ 12 students; 28 days of activities
- ✦ Focus on marine science and aquaculture
- ✦ 7 meals / week & housing included in program fee
- ✦ Minutes from the beach and historic downtown area
- ✦ Connecting global talent with hands-on research
- ✦ Transportation to and from academic facilities provided
- ✦ Experience American University



Program Contents

Spawning → Egg Collection → Hatchery → Grow-Out Systems → Data Collection (water quality routine, multi-trophic aquaculture, larviculture, diets) → Harvest → Restaurant Supply Chain



Students have the opportunity to work in our state of the art Aquaculture Facility, Center for Marine Science, Shellfish Hatchery, & Dobo Microbiology Hall, building a multifaceted, cross-disciplinary experience.



Cultural and historical activities are woven into our programming giving participants a taste of life in Wilmington and surrounding areas. Examples: Pine Knoll Aquarium, Downtown Wilmington Ghost Tour, Southport Ferry Ride, Carolina Beach Excursions & more!

Program Contents

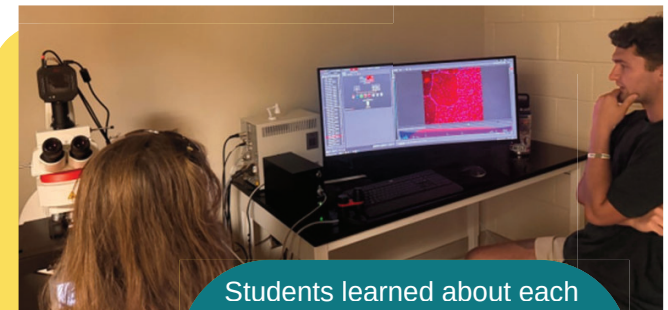


Students finished their research program with a trip to Zora's Market. They enjoyed seafood they raised through the program & transported to the market that day!

Each participant earned a completion certificate, granted after they presented their learnings from the program to a group of faculty, staff, and peers.



A drone flying and aerial imagery workshop was a fun change of scenery and new data skill to gain!



Students learned about each microscope in UNCW's microscopy lab. They examined dolphin teeth & whale bone.

SIRE: Summer 2027

Two Program Choices:

Aquaculture



Broodstock/Spawning



Larviculture



Water Quality



Microscopy



Nutrition/Biochemistry



Harvesting

Water Quality



Effects of Pollution



Biodiversity



Algal Blooms



Microscopy



Water Filtration



Sustainability

Both groups will attend excursions together, live in the same housing accommodations, & join one another to present at the end of the program to their leading faculty, OISS Staff, and other students.

Summer International Research
Experience Program Application
2027



Southern Roots: Art, History, Film, Heritage, & Community

- ✓ Become immersed in Southern Culture
- ✓ Attend faculty and community led lectures
- ✓ Explore one of the country's most historic ports
- ✓ Leave with a new perspective & regional mastery

Southern Roots invites participants to explore the art, history, film, heritage, and communities that have shaped the American South, particularly Wilmington, North Carolina. Through faculty-led discussions, cultural excursions, and hands-on experiences, students gain a deeper understanding of the region's past and present while developing a global perspective on its cultural impact.



Southern Roots - Details

June 22 - July 20, 2027



- ✦ 12 students; 28 days of activities
- ✦ Focus on art and history of the American South
- ✦ On-campus housing included in program fee
- ✦ Minutes from the beach and historic downtown area
- ✦ Connecting global passion with first hand experience
- ✦ Transportation to and from academic facilities provided
- ✦ Experience American University

Overview - Southern Roots

Discovering the Stories, Art, and Heritage of the American South



Key Focuses

- ★ Southern history and heritage
- ★ How art reflects the region's identity
- ★ Understanding how the past continues to shape the South today
- ★ Encouraging dialogue, reflection, & global perspectives

Activities

- ★ Faculty led lectures
- ★ Historic landmark tours: Bellamy Mansion, Latimer House, Fort Fisher, etc..
- ★ Art Hub Tours: Cameron Art Museum, Architecture Tour, the ArtWorks Building
- ★ Film Industry Exploration: "Wilmywood" tours, Thalian Hall, UNCW Film Studios



Activities - Southern Roots

Discovering the Stories, Art, and Heritage of the American South



Built in 1852, this well-preserved estate is in the heart of downtown Wilmington. Enjoy the stories of the Latimer family and the lower Cape Fear region through exhibitions of original art, furniture, clothing, & more.



Wilmington's Ghost Tour journeys into the depths of old Wilmington touring Cape Fear's most actively haunted locations with costumed professional ghost guides.



The Cameron Art Museum provides a cultural gathering place that enriches the community through high-quality exhibitions, lifelong learning in the arts, and dynamic public programs

Discover the Bellamy Mansion, a landmark that offers a powerful glimpse into the antebellum South, the Civil War era, and the lives of both the Bellamy family and the enslaved individuals who lived and worked on the property.



WilmingtonColor shuttle tours share the stories of African American achievements & legacy in the city of the only successful Coup D'etat on U.S. soil.



Southern Roots Program Application





Thank You

Email international@uncw.edu for more information