



Knightsdale Academy of Environmental Studies (KAES)

Knightsdale HS Academy of Environmental Studies

The Mission of the Academy of Environmental Studies is to prepare students to make knowledgeable career choices through work-based experiences and applications of current environmental issues.

Students benefit from:

1. Small learning community
 - Coursework focuses on environmental issues with other like-minded students
 - Preferred scheduling in recommended courses for academy students
2. Field trips
 - Seminars and off-site learning activities emphasize environmental issues
3. Community service
 - Adopt-a-Highway
 - KHS Recycling
4. Internship
 - Experience working in a green career before leaving KHS

Students can choose from one of three concentration areas:

1. Agriculture
 - Animal Science
 - Horticulture / Plant Science
2. Environmental Engineering
 - Green Engineering & Sustainability
 - Technology Engineering & Design
 - Architectural & Engineering Drafting
3. Foods Technology
 - Foods I/II
 - ServSafe certification

Students choose concentration courses that focus their interests in each of these areas during their 10th and 11th grade years.

Grade 10

- All 10th grade Academy Students take Environmental and Natural Resources I
- Environmental and Natural Resources I is combined with English II (H)
- All KAES students take a common American History I/II (H) class

Grade 11

- All 11th grade Academy Students take Environmental and Natural Resources II
- Environmental and Natural Resources II is combined with English III (H)
- All KAES students take a common Civics & Economics (H) class

Grade 12

- All 12th grade Academy Students complete an internship by the end of their Senior Year - Internship class offered 2nd semester during 4th period - Starts during the school day and continues on weekends and/or after school
- All 12th grade KAES students take Future Decisions in Science to prepare for internship
- All 12th grade KAES students take an Advanced Studies class in their "concentration" area

In compliance with federal law, Wake County Public School System administers all education programs, employment activities, and admissions without discrimination against any person on the basis of gender, race, color, religion, national origin, age or disability.

NOTES:

- Applications due by MAR 1
 - Questions about KAES can be addressed to Mr. Duncan
 - gduncan@wcpss.net
 - 919-217-5398