

# SCHOOL OF THE ENVIRONMENT

FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY

## ABOUT THE SOE

The School of the Environment (SOE) offers several innovative and exciting programs at Florida Agricultural & Mechanical University. The School is a multidisciplinary unit that offers a wide range of services to students, governmental agencies, communities, and private and public sector companies and non-governmental organizations. A culturally diverse school, SOE is committed to providing unique multicultural experiences for its students while still maintaining its reputation of being a historical leader in the training of underrepresented minorities in the sciences and environmental careers.

The mission of the FAMU School of the Environment is to provide instruction, conduct research, engage in professional and community service on the local, national, and international levels, and facilitate technology transfer which will result in protection of the environment and the development of remedies for existing environmental problems; the education of communities on environmental science and policy issues; and the scientific and intellectual preparation of students who are uniquely prepared to address present and future interdisciplinary environmental science and policy issues.

## FACULTY

**Victor Ibeanusi, Ph.D.**, Dean, School of the Environment  
Bioremediation; Water Quality; Industrial Ecology

**Ashvini Chauhan, Ph.D.**, Associate Professor  
Environmental Biotechnology; Molecular Microbial Ecology

**Charles Jagoe Ph.D.**, Distinguished Professor  
Aquatic and Coastal Ecology; Ecotoxicology

**Elijah Johnson, Ph.D.**, Associate Professor  
Theoretical and Computational Chemistry

**Frederic Essien, Ph.D.**, Associate Professor  
Atmospheric Pollution; Environmental Radioactivity

**Henry Williams, Ph.D.**, Professor  
Microbial Ecology; Microbial Predation; Bacterial Predators

**Larry Robinson, Ph.D.**, Distinguished Professor  
Radiation Protection; Environmental Radiochemistry

**Marcia Allen Owens, J.D., Ph.D.**, Associate Professor  
Environmental Policy & Law; Environmental Literacy,

**Michael Abazinge, Ph.D.**, Professor  
Environmental Physiology; Bioconversion of Agricultural Waste

**Richard D. Gragg, Ph.D.**, Associate Professor  
Environmental Toxicology, Policy and Risk Management

## STAFF

**Cynthia Henry**, Budget Coordinator

**Diane Hall**, Coordinator, Academic Programs

**Hazel Taylor**, Research Programs/Services Coordinator

**Jennifer Hsin-Chieh Ma, Ph.D.** Laboratory Core Manager

**Lucy Diala**, Marketing Coordinator

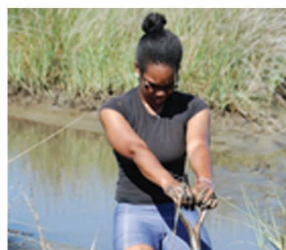
**Willie Stubbs**, EHS Coordinator

## FACILITIES

You will experience state of the art research facilities housed in approximately 6,000 square feet of space in the Humphries Science Research Center. Instruments available to both faculty and students in this facility include ICP/OES, GC/MS, HPLC, AA, and high resolution gamma-ray spectroscopy with fiber optic access to the internet. In addition, the School houses a GIS computer laboratory with high performance computers and high speed internet access. Laboratory equipment is continuously upgraded and replaced to maintain our cutting-edge status.

## FINANCIAL SUPPORT

The School offers eligible students support through scholarships and work-study assistantships. Students also have opportunities for internships in industry, state, and federal laboratories.



For more information, please contact:

FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY

**SCHOOL OF THE ENVIRONMENT**

Frederick S. Humphries Science Research Bldg. Suite 305-D

1515 Martin Luther King Boulevard

Tallahassee, FL 32307

Telephone: (850) 599-3550; Fax: (850) 599-8183

# SCHOOL OF THE ENVIRONMENT



## ENVIRONMENTAL STUDIES B.A. DEGREE

Environmental Studies is an interdisciplinary major that stresses the understanding of the connections between environmental issues, social and natural sciences and the humanities. With two degree options B.A. (Bachelor of Arts) and B.S. (Bachelor of Science), the major is appropriate for those who desire to be proficient in the natural and physical sciences, as well having an awareness of the human dimensions of environmental issues, such as cultural, social, and political considerations and impacts. With more curricular focus on social sciences and humanities, the typical career paths for B.A. degree graduates include opportunities that deal with social, cultural, political, and economic issues such as policy, planning, law, journalism, green business, and consulting.

## \$50,000 EPA Scholarships

Environmental Studies/Science undergrads are eligible to apply! Scholarships are awarded during the Sophomore year.

For more information and the application process, please contact:  
School of the Environment  
Telephone: (850)599-3550





# Bachelor of Arts Degree in Environmental Studies

## ENVIRONMENTAL STUDIES

### B.A. DEGREE

## SCHOOL OF THE ENVIRONMENT

### MINOR/CORE COURSES

EVR 2920	Environmental Forum & Colloquium**	2
EVR 3033	Environmental Regulations	2
EVR 4036	Environmental Equity & Justice	3
EVR 4032	Environmental Ethics	3
EVR 4643	Environmental Policy & Risk Mgmt.	3
EVS 4007	Introduction to Environmental Science*	3
EVS 4636	Risk Communication	3

**TOTAL** 19

### FRESHMAN YEAR

#### FALL SEMESTER

AMH 2091	Introduction to African American History	3
BSC 1005C	Biological Science	4
ENC 1101	Communication Skills I	3
EVR 2920	Environmental Forum & Colloquium **	1
MAC 1105	College Algebra	3

**TOTAL** 14

#### SPRING SEMESTER

CHM 1030/		
CHM 1030L	Intro. Chemistry for Non-Science Majors and Laboratory	4
ENC 1102	Communication Skills II	3
EVR 2920	Environmental Forum & Colloquium**	1
	General Education Elective (Humanities List)	3
	Mathematics Elective (Department Advisement)	3

**TOTAL** 14

### SOPHOMORE YEAR

#### FALL SEMESTER

EVS 4007	Introduction to Environmental Science	3
	Foreign Language Elective	3
	Minor Elective	3
	Science Elective (Department Advisement)	3
	General Education Elective (Social Science List)	3

**TOTAL** 15

#### SPRING SEMESTER

	Foreign Language Elective	3
	General Elective (Department Advisement)	3
	General Education Elective (Humanities List)	3
	Minor Elective	3
	Minor Elective	3

**TOTAL** 15

### JUNIOR YEAR

#### FALL SEMESTER

EVR 3023	Introduction to Marine Environment	3
EVR 3033	Environmental Regulations	2
EVR 4036	Environmental Equity & Justice	3
	Environmental Science Elective (Department Advisement)	3
	Minor Elective	3
	Foreign Language Elective	3

**TOTAL** 17

### SPRING SEMESTER

EVR 4643	Environmental Policy & Risk Mgmt.	3
	Environmental Science Elective (Dept. Advisement)	3
	Foreign Language Elective	3
	Minor Elective	3
	Minor Elective	3

**TOTAL** 15

### SENIOR YEAR

#### FALL SEMESTER

EVS 4636	Risk Communication	3
EVR 4804	Enviro. Tox. & Human Hlth.	3
	Environmental Science Elective (Dept. Advisement)	3
	Environmental Science Elective (Dept. Advisement)	3
	General Elective (Dept. Advisement)	3

**TOTAL** 15

#### SPRING SEMESTER

EVR 4032	Environmental Ethics	3
	Environmental Science Elective (Dept. Advisement)	3
	General Elective (Department Advisement)	3
	General Elective (Department Advisement)	3
	General Elective (Department Advisement)	3

**TOTAL** 15

\* This is a state common prerequisite. Substitutes identified in the state Common Prerequisites Manual at [www.facts.org](http://www.facts.org) will be accepted.

\*\* One hour course offered in the fall and spring

## Minor Concentration Electives

A requirement for a Bachelor of Arts Degree or a Bachelor of Science Degree in Environmental Studies is the fulfillment of requirements for a Concentration of Courses that are associated with a degree offered at Florida A&M University. The degree that is chosen for this Concentration of Courses must not be a degree offered in the School of the Environment. A student can fulfill the Concentration of Courses requirements for a degree in Environmental Studies in two ways. The first way is to take a minimum of 18 credit hours of courses such that 1) These 18 credit hours of courses are not required courses for the degree being sought in the School of the Environment and 2) These 18 credit hours are required by a degree curriculum at Florida A&M University. The second way is to fulfill requirements for a Minor Course of Study that is associated with a degree offered at Florida A&M University such that this Minor Course of Study is not a Minor that is associated with a degree in the School of the Environment. Examples of such minors are those in History, Journalism, Philosophy and Religion, and Political Science. Environmental Studies majors may also choose other concentration area electives. Students desiring other minor concentration electives should refer to the course requirements as listed in the respective college/schools via Florida A&M University electronic catalog @ [www.famu.edu/index.cfm?catalog](http://www.famu.edu/index.cfm?catalog). The selection of other minor concentration electives is based on the individual student's long-term goals.