



**KENTUCKY STATE
UNIVERSITY**

ENVIRONMENTAL MEASUREMENTS CERTIFICATE

The Certificate in Environmental Measurements will require 14 credit hours of course work. It is designed to give experience to students a broad array measurement techniques and protocols. There are 14 hrs. of required courses. The following 14-credit hour curriculum ladder will be offered: AQU 480 Intro to Geog Inform Syst, AFE 489 Remote Sensing of the Environ., AQU 460 Water Quality Management and AQU 461 Water Quality Management Lab, and BIO 417 Ecological Field Meth. This certificate program will create educational opportunities for KSU students and non-traditional students as well as high school teachers and government and private industry employees to earn a certificate in Environmental Measurements. These audiences can utilize the earned certificate for science teacher certification or as an educational/professional development credits towards their professional skills development. This certificate provides an interim degree for those pursuing the Option in Environmental Systems Students will develop basic skills in acquiring, analyzing and interpreting field data. The overall impact of this certificate program will enable students to develop unique skills to increase their chances to be recruited in special skills-oriented and high-salaried professional jobs.

Code	Title	Hours
AQE 480	Intro to Geog Inform Syst	3
AQE 489	Remote Sensing of the Environ.	3
AQU 460 & AQU 461	Water Quality Management and Water Quality Management Lab	4
BIO 417	Ecological Field Meth	4
Total Hours		14