

NEW BIOLOGY COURSE:

BIOLOGICAL ASSESSMENT OF STREAM WATER QUALITY

Time & Place: We-Fr 12:30- 3:20; SCIE 505

Undergrads: BIOL 480V-010 (9661) Special Topics

Grad students: BIOL 580V-010 (9656) Special Topics

Professor: Dr. Art Brown, 575-6357, artbrown@uark.edu

Learn the current techniques used for biological assessment of stream water quality by the US Environmental Protection and AR Department of Environmental Quality: the Rapid Bioassessment Protocols (RBPs). Chemical and physical measurements that are actually part of the RBPs will be included. The class will combine lecture and lab techniques to learn the methods used to collect, identify, and analyze fish and macroinvertebrate samples, with lesser attention given to the periphytic algae. An important goal is for students to come away ready to substantially contribute to a team of persons performing biological assessments of stream ecosystems.

