

## Syllabus BIOL 5193 – Graduate Seminar

Fall 2023

### Instructor:

Dr. Lance R. Williams & Professor Marsha G. Williams, BEP 129, Phone – 565-5878, Email – [lwilliams@uttyler.edu](mailto:lwilliams@uttyler.edu) or [mwilliams@uttyler.edu](mailto:mwilliams@uttyler.edu); Office Hours: M W 1-2:30, or by appointment.

**Course Description:** Wetland Ecology

**Course Objectives/Student Learning Outcomes:** Critically read and discuss literature on wetland ecology.

**Required Texts:** Journal articles as assigned

**Evaluation:** Students will be evaluated based on the following work:

Participation will count for 100% of the grade. We will record individual responses each week – please come prepared to discuss the articles. Articles will be posted on Canvas one week prior. **YOU WILL NOT GET AN A IF YOU FAIL TO READ AND PARTICIPATE!** If you will be absent from class please let us know in advance. You will be required to lead chapter discussions over the semester

We will follow a 10-point scale for grading:

90-100% = A, 80-89% = B, 70-79 = C, 60-69% = D, 0-59% = F

**Academic Misconduct:** Submitting plagiarized work to meet academic requirements including the representation of another's work or ideas as one's own; the unacknowledged word for word use of another person's ideas; and/or the falsification, fabrication, or dishonesty in reporting research results shall be grounds for charges of academic misconduct. Any cheating or other type of academic misconduct will be reported to university administration and at minimum will result in automatic failure of the course. Cell phone use during exams is strictly forbidden.

### TENTATIVE CLASS SCHEDULE

<u>Week</u>	<u>Lecture Topics</u>
Aug 21	Overview (Lance)
Aug 28	Wetland hydrology (Marsha)
Sept 4	Labor Day
Sept 11	Wetland soils & biogeochemistry (Brandon and Dillon)
Sept 18	Wetland vegetation (Kennedi and James)
Sept 25	Wetland classification (Sarah and Zoe)
Oct 2	Wetland laws (Rachel and Kenlynn)
Oct 9	Wetland ecosystem services (Marsha)
Oct 16	Wetland creation and restoration (Lance)
Oct 23	Wetland fish and macroinvertebrates (Justin and Alie)
Oct 30	Wetland amphibians (Shelby and Trent)
Nov 6	Wetland birds (Elexis and Amanda)
Nov 13	NRCS easement wetlands (Lance & Marsha)
Nov 20	Thanksgiving break
Nov 27	L & M wetland