

**BIO 147 ENVIRONMENTAL SCIENCE – FALL 2017**

LDB 213, TuTh 12:30-1:45 pm

**Instructor:** Dr. Justin Williams  
Lee Drain Building, Room 140  
(936) 294-2226 (EMAIL) bio\_jkw@shsu.edu  
Office Hours: TTh 11-noon, or by appointment

**Text:** Environmental Science 10<sup>th</sup> edition by Daniel D. Chiras

**Tentative Schedule of Topics**

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COMPETITION

MATING SYSTEMS/REPRODUCTIVE ISOLATION

INTRODUCTION TO ENVIRONMENTAL SCIENCE

ECOLOGICAL PRINCIPLES

ADAPTATION AND BIODIVERSITY

***Exam I – Online: Available September 28 5pm: Due October 3 9:00am***

CLIMATE

AQUATIC SYSTEMS

SUSTAINABILITY

FOOD AND WATER RESOURCES

***Exam II – Online: Available October 27 5pm: Due October 31 9:00am***

ENVIRONMENTAL HAZARDS

HUMAN HEALTH/DISEASE AND VIRULENCE

URBANIZATION

ECONOMICS

COLLAPSE OF CIVILIZATION

***Exam III – Online: Available November 29 5pm: Due December 2 9:00am***

***FINAL – December 5<sup>th</sup> 1-3pm; the final will be in person and held in our usual classroom.***

**Attendance:** Regular and punctual class attendance is expected of each student at Sam Houston State University. It is the responsibility of the student to obtain missed lecture notes and assignments if absent due to illness or unexpected circumstances. We will have a daily quiz that will be taken on Blackboard that will be used to count your attendance.

**Grading:** Grades will be based on total points earned by the student throughout the course. There will be no individual extra credit. Grades will be calculated on a percentage basis as follows:

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

Points will be distributed as follows:

3 lecture exams (100 points each)      300 points

Final exam      100 points

**Your overall score will be calculated using your three highest test grades, this includes the final.**

Daily Quizzes      25 points

Lab Grade      100 pints

Total points possible      425 points

**Lecture exams:** Three lecture exams will cover each section of the lecture material presented and will not be cumulative. Each lecture exam will consist of 50 multiple choice questions taken from lecture and reading assignments. The tests will be administered online and available for 4 whole days so there should be no excuses for missing an exam.

**Final Exam:** The final exam will consist of 50 multiple choice questions of a comprehensive nature.