



**EVR 6930 Special Topics: Advanced Concepts in Biogeography
Fall, 2008**

Instructor: Dr. John Waldron
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Class Times: F: 1:00 – 3:50 p.m.

Course Overview:

This is a graduate level seminar course covering a variety of advanced topics in biogeographical research. You will be required to read the assigned articles before coming to class so as to facilitate conversation about the material at hand. Students will be assigned to summarize and lead discussion on each article, each week. ALL students must read ALL articles for the week to be prepared for discussions. You will write a review each week that 1) summarizes the general intent of each article, 2) links the articles together, and 3) incorporates your opinions about the articles.

Evaluation:

Grades will be based on your performance on:

| | |
|-----------------------------|----------------|
| 12 article summaries | (10 pts each) |
| In-class review of articles | (50 pts) |
| 1 term paper | (100 pts) |
| 1 paper presentation | (30 pts) |
| TOTAL | 300 pts |

Attendance:

Please do not come to class late or leave early, this is incredibly disruptive to other students and will only be tolerated under special circumstances.

Missed Assignments:

Only those students who contact me with a University defined legitimate conflict or emergency may make up individual graded assignments.

Late Work:

In order to be fair to others who hand in assignment on time, 1 grade letter per day will be deducted for assignments turned in late. However, feel free to contact me if you are having trouble or if there is a conflict.

Final Grade:

| | |
|-----------------|-----------------|
| A(4.0) =>93% | C+(2.3) =77-80 |
| A-(3.7) = 90-93 | C(2.0) = 73-77 |
| B+(3.3) = 87-90 | C-(1.7) = 70-73 |
| B(3.0) = 83-87 | D+(1.3) = 67-70 |
| B-(2.7) = 80-83 | D(1.0) = 60-67 |

Academic Honesty:

Please consult the University Student Rules for information concerning academic honesty policies. As you will be writing a paper, pay particular attention to the rules and regulations on plagiarism:

- <http://uwf.edu/StudentAffairs/division/publications/ClassDisrup.pdf>
- <http://uwf.edu/StudentAffairs/division/publications/PlagBroch.pdf>

ADA Statement:

The Americans with Disabilities Act (ADA) is a federal anti-discriminatory statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Student Disability Resource Center: <http://uwf.edu/sdrc/>

Course Schedule: The course schedule is meant as a guide, the instructor reserves the right to alter the schedule as necessary.

| Week | Date | Topic | Readings | Assignments |
|------|--------------|--------------------------------------|--|---------------------|
| 1 | August 29 | Introduction | | |
| 2 | September 5 | Background Theory | Veblen: Dr. Waldron Kupfer: Dr. Waldron | |
| 3 | September 12 | Vegetation Succession | Clements: Gleason: Glen-Lewin: Huston: Prach: Tilman: | |
| 4 | September 19 | Dispersal and Regeneration | Phillips: Van der Maarel: Watt: Grubb: | PAPER TOPIC |
| 5 | September 26 | Mountain Ecotones | Kupfer_cairns: Cairns_Malanson: Cairns_Moen: Resler: Cairns_etal: Zeng: | |
| 6 | September 3 | Riparian Vegetation | Malanson_Butler Bendix: Shafroth_etal: Francis: Kamisako_et al: | |
| 7 | October 10 | Dune and Coastal Vegetation | Stoneburner: Looney_gibson: Stallins_parker: Walker_etal Hannan: Acosta_etal: | PAPER OUTLINE |
| 8 | October 17 | Land Fragmentation | Hanson_etal: Conner_rudolph: Wade_etal: Kupfer: Wickham_etal: Thielen: | |
| 9 | October 24 | Invasive Species | Lonsdale: Brother_spingarn: Davis_etal: Richardson_pysek: Belote_etal: | |
| 10 | October 31 | Climate Change Impacts on Vegetation | Brubaker: Ritchie: Prentice_etal: Pitelka: Cramer_etal: | DRAFT OF TERM PAPER |
| 11 | November 7 | ZooBiogeography | Demers: Mcgarigal_mccomb: Yaukey: Brunnerink: Lamont_carthy: | |
| 12 | November 14 | GIS & Remote Sensing of Vegetation | | |
| 13 | November 21 | Modeling Vegetation | | FINAL PAPER |
| 14 | November 28 | <i>NO CLASS; THANKSGIVING</i> | | |
| 15 | December 5 | <i>Presentations</i> | | |