

BIOL 7900: Graduate Seminar (Fall 2012; CRN: 82820)

1. Course Information

- Course number and section: BIOL 7900 A
- Course name: Graduate Seminar
- Hours of credit: 1
- Pre-requisites or co-requisites as listed in university catalogue: Prerequisite: Acceptance into the graduate program in biology.
- Classroom location and room number: BC 2202, W 6:00 pm - 7:50 pm; POWELL HALL, R 4:00 pm - 4:50 pm
- Department, College, University: Department of Biology, College of Arts and Sciences, Valdosta State University

2. Instructor Information

- Instructor name: Dr. Jonghoon Kang
- Instructor contact: BC 2217, 229-333-7140, jkang@valdosta.edu
- Instructor office hours: By appointment

3. Course Description

- Course description as printed in university catalogue: Discussion and reports of current topics in biology and related sciences. Students are expected to demonstrate comprehension of topics and communication skills, both oral and written. Students must take this course twice for credit. This course may be repeated for a maximum of six times for credit.

4. Standards, Goals, Objectives, or Outcomes

- outcomes:
Educational outcomes associated with this course include numbers 1 and 2 as specified by the VSU Biology Department for its Master's program, and general outcomes numbers 3, 4, 5, and 7 as specified by the University.

5. Assignments (explicitly aligned with the goals, objectives, or outcomes)

- Present two times in class (your research and research article)
- Attend all science seminars
- Submit one term paper (format will be discussed)

6. Assessment or Evaluation Policy

Science Seminar: $10 \times 13 = 130$ (attendance and completion of an evaluation form)

Presentation: $100 \times 2 = 200$

Class Participation: $10 \times 13 = 130$

Manuscript: 100

Total: 560 points

A $\geq 90\%$, B $\geq 80\%$, C $\geq 70\%$, D $\geq 60\%$, F $< 60\%$

7. Schedule of Activities or Assignments, including university -scheduled final exam time (all schedule is tentative and may be subject to change)

Date	Class	Date	Seminar
8/15	Organizational meeting	8/16	No seminar
8/22	Research Presentation Mercer, Ortiz	8/23	The Evolution/Creationism Controversy: A Disgraceful Failure for Science Education. Dr. Leslie Jones
8/29	Research Presentation Salter, How to Write an Abstract	8/30	DNA Breathing and Country Size. Dr. Jonghoon Kang
9/5	Research Presentation Patrick, Fiifi	9/6	Journey into the history of cubic equations in Ancient Iraq, China, Persia, Italy, and a current geometric method. Dr. Iwan Elstak
9/12	Research Presentation West, Shultz Article selection due	9/13	Future and Prospects of Hydrogen as an Alternative Fuel. Dr. S.A. Sherif
9/19	Research Presentation Adarsh, Jarvis	9/20	Where the wild things are...and aren't: ethological and macroecological investigations of amphibian species distributions. Dr. Cy Mott
9/26	Article Presentation 1, 2	9/27	TBA
10/3	Article Presentation 3	10/4	TBA
10/10	Article Presentation 4	10/11	Dr. Thomas Sawicki
10/17	Article Presentation 5	10/18	Caley Allen
10/24	Article Presentation 6	10/25	TBA
10/31	Article Presentation 7	11/1	The Creation of STUNT Cheer: A Story of Title IX, Cheerleading and the Gender Politics of Sport. Dr. Nancy Malcom
11/7	No Class	11/8	From genomics to cellular dynamics: ROS and Ca ²⁺ signaling in drought response in Arabidopsis. Dr. June M. Kwak
11/14	Article Presentation 8	11/15	Blackflies and Whooping Cranes, a critically endangered species. Dr. Elmer Gray
11/21	Thanksgiving		
11/28	Article Presentation 9		