

(M)11.2(E)2.8(H)7.5 C)4.4 BIO(4501/4950)10.7 (M (E)2191/1515) Department of Biology, College of Arts and Sciences, Valdosta State University

## 2. Instructor Information

- x Instructor name: Dr. Jonghoon Kang
- x Instructor contact: B 217, 229333-7140, jkang@valdosta.edu

x Instructor office hours Thursday 2:00 pm - 3:00 pm

## 3. Course Description

x Course description as printed in university catalog: A study of the role of quantum mechanics in bio9.5 ( in)2.3 6ip ( D)-5-1. (hin)2.2 ( u)2.3 (e)-2.2 (io)36.6 (9.5 ( (h)2.3 (an)6 ( r)-3 ( (e)-3

- 9 Read your notebook/ppt materials (very important).
- 9 Read the papers
- 9 Complete assignments.

## x Specific Description of Course

The course focuses on how quantum mechanics plays a role in biological and biochemical phenomena. Basic concepts in quantum aspects of nature will be reviewed and their

## Specific Outcomes

$\frac{3}{4}$  Comprehend basic (quantum) physics

$\frac{3}{4}$

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

Date	Topic
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- Cell phones are not allowed to be used in class.

- Email: Please email me only from a VSU email account. I am unable to respond to emails from non-VSU accounts.

- Academic integrity is the responsibility of all VSU faculty and students. Students are responsible for knowing and abiding by the Academic Integrity Policy as set forth in the Student Code of Conduct and the syllabus. All students are expected to do their own work and to uphold a high standard of academic ethics. Cheating (including plagiarism) will not be tolerated. The instructor reserves the right to dismiss you from the course without credit if you are caught cheating. You will be respectful of your instructor and your fellow students at all times, or you will be dismissed from the class and potentially the course.

- No arguments on final grade. You can check any mistake in the calculation of your grade but no any other arguments.

#### 9. Additional Information (at instructor's discretion)

- Strategies used to support learning: Students should take advantage of my office hours. Studying as a group (study group) should be a good idea. However, you have to complete all assignments by yourself. If cheatings are found in your work, all students involved will get a zero point in those assignments.
- I will teach you and you will learn a fascinating science, quantum biology. Therefore, your intellectual enhancement from taking this course will depend on both of us.