

**Biology 1010-Evolution and Diversity**  
**Fall 2008 CRN 81084**  
**Tuesday/Thursday 12:30-1:45**

**Instructor:** Mrs. Ashley Rall McGee  
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**Lecture room:** Biology/Chemistry 1024  
**Office hours:** M 2-3pm, W 10-11am, and W 2-3pm

**Course Objectives:** This course is designed to introduce the relationships between living organisms. We will focus on the six Kingdoms, including the biological significance of each kingdom and their evolutionary ties with other living organisms. The 2<sup>nd</sup> half of the semester will cover evolution, ecology and environmental science

Students will demonstrate the ability to analyze, to evaluate, and to make inferences from oral, written and visual materials as stated in VSU General Education Outcome #7.

Upon completion of this course students will be able to describe evolutionary processes responsible for biological diversity and explain the phylogentic relationships among the major taxa of life. Students will have a broad understanding of the structures and function of populations, communities, and ecosystems; and human impacts on these systems (VSU Biology Dept. Educational Outcomes 2 and 5).

**Materials:** *Biology: The Unity and Diversity of Life* by Starr & Taggart, Eleventh Ed.

**Attendance:** It is in your best interest to attend class. Roll will be taken. Exam material will be presented in lecture class only. If you miss 20% of class you will receive a failing grade (this is University policy).

**Grading:** You will be given six exams. Your lowest exam will be a drop grade. This does not mean you can miss one exam. There will NOT be make-up exams. If you miss an exam, it will be counted as your drop grade. Your final grade will be based on the following grade scale.

A-100-90%      B-89-80%      C-79-70%      D-69-60%      F-59% or below

**Cheating and Plagiarism:** Don't do it. Using note cards, cell phones, friends, and anything other than your brain will be perceived as cheating on an exam. A student caught cheating on an exam will receive a grade of zero and may receive a failing grade in the course. Refer to VSU Student Code of Conduct, Appendix A in the VSU student handbook or <http://www.valdosta.peachnet.edu/activities/handbook.html>.

**Disruptive behavior:** Don't do it. The academic community is under a strong obligation to protect the campus community from disorderly, disruptive, or obstructive actions which interfere with academic pursuits of teaching, learning and other campus activities. Therefore, any disruptive behavior that interferes with the teaching of the lecture or disturbs other students or faculty will not be tolerated. Any student that disrupts the class will be removed from the class and possibly dropped from the course. Refer to page 42-44 of the Undergraduate Catalog 2002-2003 and Appendix A. Section I. (Academic Student Conduct Code) in the VSU student handbook for more information.

**Family Educational Rights and Privacy Act of 1974:** It is illegal to release personal information about an individual to others. Grades, averages, and other information will not be released to anyone but that individual; therefore, no grades will be posted or given out over the phone or email.

**American Disabilities Act:** Students requiring classroom accommodations or modifications because of a documented disability should discuss this need with the instructor at the beginning of the semester. Students not registered with the Special Services Program, should contact the Special Service Office, Nevins Hall 1115 (phone 245-2498).

## BIOL 1010-Course Topics \*Course matter and Examination order are subject to change\*

	<b>Date</b>		<b>Subject</b>	<b>Related Reading</b>
Week of Aug	18-22		Classification, Viruses	Ch 21 & 22
			Bacteria & Protista	Ch 21 & 22
	25-29		Protista	Ch 22
			Fungi	Ch 24
Sept	1-5	<i>1 Holiday</i>	<b>Exam 1</b>	<b>Ch 21 &amp; 22</b>
			Fungi	Ch 24
	8-12		Plants	Ch 23
			Animals- Invertebrates	Ch 25
	15-19		<b>Exam 2</b>	<b>Ch 23 &amp; 24</b>
			Animals-Invertebrates	Ch 25
	22-26		Animal-Invertebrates	Ch 25 & 26
			Animals- Vertebrates	
Oct	29-3		Animal-Vertebrates	Ch 26
			Animal-Vertebrates	
	6-10	<i>Midterm</i>	<b>Exam 3</b>	<b>Ch 25 &amp; 26</b>
			Origin and Evolution	Ch 20
			Evidence of Evolution	Ch 17
	13-17	<i>13 &amp; 14 Holiday</i>	Evidence of Evolution	Ch 17
			Microevo Processes	Ch 18
	20-24		Microevo Processes	Ch 18
			Evolutionary Patterns	Ch 19
	27-31		<b>Exam 4</b>	<b>Ch 20-18</b>
			Population Ecology	Ch 45
Nov	3-7		Population Ecology	Ch 45
			Community Structure	Ch 46
	10-14		<b>Exam 5</b>	<b>Ch 19, 45, &amp; 46</b>
			Ecosystems	Ch 47
	17-21		Biosphere	Ch 48
	24-28	<i>26-28 Holiday</i>	Biosphere	Ch 48
Dec	1-5		Environmental Science	
			Conservation	
	8		Conservation	

**Final Exam: Thursday December 11, 2008 8-10:00 am**