

**BIOLOGY 698-101: DARWIN'S VOYAGE OF THE BEAGLE**

<b>INSTRUCTOR:</b>	Dr. Daphne Soares	<b>PHONE:</b>	973-TBA
<b>OFFICE:</b>	Colton Hall	<b>EMAIL:</b>	<a href="mailto:soares@njit.edu">soares@njit.edu</a>
<b>OFFICE HOURS:</b>	M: 5:00 pm – 6:00 pm	<b>COURSE SCHEDULE:</b>	M 6:05 – 9:05 pm, COLT 423

**PURPOSE:** This course is designed primarily for upper division undergraduates and graduate students. The course will examine the classic text "The Voyage of the Beagle" by Charles Darwin. Charles Darwin wrote about his explorations as a 19th century naturalist during a 5 year voyage around the world. He sailed aboard the brig Beagle, anchoring in Cape de Verd, St. Paul's Rocks, Brazil, Patagonia, East Falkland Island, Tierra del Fuego, Chile, Peru, the Galapagos Islands, Tahiti, New Zealand, Australia, Tasmania, Mauritius and St. Helens Island before returning home. Darwin observed cultures as an anthropologist, life as a biologist and the earth as a geologist. The Voyage of the Beagle is part field notes and part adventure story and offers the reader insights into the world of the 19th century, the state of science at that time, and Darwin's experiences.



**REQUIRED MATERIALS:**

- ⊗ You will need to read Charles Darwin's Voyage of the beagle from cover to cover. I recommend The Voyage of the Beagle [Audible Audio Edition] narrated by Richard Dawkins (Narrator).
- ⊗ Also a good resource is <http://www.aboutdarwin.com/voyage/voyage01.html>.

**LECTURES:** Each meeting we will discuss the book and decide what specific topic in science we want to discuss at the next meeting.

**CODE OF ACADEMIC INTEGRITY:** Each student in this course is expected to follow the Code of Academic Integrity. The Code is explained on <http://www.njit.edu/academics/integrity.php>.

**GRADING POLICY:** Grades will be based participation and on two, 2 page, single spaced essays. Topics need to be discussed with the instructor in advance. Essays are expected to merge the VoB and modern science. Essays will be turned in, reviewed then returned with comments. There is an option to resubmit the essays.

ASSIGNMENT	POINTS
Participation:	50 points
Essay Mid-term:	25 points
Mid-term Exam II:	25 points
<b>TOTAL</b>	<b>100%</b>

GRADING SCALE			
A	88-100	B+	81-87
B	74-80	C+	67-73
C	60-66	D	50-59
F	0-49		

**BIOLOGY 698-101: DARWIN'S VOYAGE OF THE BEAGLE**

**COURSE OUTLINE:**

LECT	DAY	DATE	CHAPTER - TOPIC	ASSIGNMENT
1	M	8-Sep	Introduction	
2	M	15-Sep	Chapter 1 - St. Jago -- Cape de Verd Islands Chapter 2 - Rio de Janeiro	
3	M	22-Sep	Chapter 3 - Maldonado Chapter 4 - Rio Negro to Bahia Blanca	
4	M	29-Sep	Chapter 5 - Bahia Blanca Chapter 6 - Bahia Blanca to Buenos Ayres	
5	M	6-Oct	Chapter 7 - Buenos Ayres and St. Fe Chapter 8 - Banda Oriental and Patagonia	
6	M	13-Oct	Chapter 9 - Santa Cruz, Patagonia, and the Falkland Islands Chapter 10 - Tierra Del Fuego	
7	M	20-Oct	Chapter 11 - Strait of Magellan -- Climate of the Southern Coasts	<b>MIDTERM ESSAY DUE AND</b> Alternate schedule to be decided
8	M	27-Oct	Chapter 12 - Central Chile	Alternate schedule to be decided
9	M	3-Nov	Chapter 13 - Chiloe and Chonos Islands	<b>REVIEWS OF MID TERM DUE</b>
10	M	10-Nov	Chapter 14 - Chiloe and Concepcion: Great Earthquake	
11	M	17-Nov	Chapter 15 - Passage of the Cordillera Chapter 16 - Northern Chile and Peru	
12	M	24-Nov	Chapter 17 - Galapagos Archipelago	
13	M	1-Dec	Chapter 18 - Tahiti and New Zealand Chapter 19 - Australia	<b>FINAL ESSAY DUE</b>
14	M	8-Dec	Chapter 20 - Keeling Island: -- Coral Formations Chapter 21 - Mauritius to England	
15	M	15-Dec	Overview discussion	<b>REVIEW OF FINAL ESSAY DUE</b>
<b>FINALS</b>			<b>FINAL EXAM WEEK: DECEMBER 15-19, 2014</b>	