



**Quarter: Spring 2017**

**Course Title: Darwin, Evolution and Galapagos: Big Lessons from Little Islands**

**Course Code: BIO 10**

**Instructor: William H. Durham**

**Course Summary:** In weekly lectures and discussions, we will take a close look at the major lessons humanity has learned from the Galapagos Islands. We will use a single published text (2016 version of Tui de Roy, *Galapagos: Preserving Darwin's Legacy*) and prepublication chapters (posted online) of the instructor's own forthcoming book.

*\*Please see course page for full description and additional details.*

**Grade Options and Requirements:**

- No Grade Requested (NGR)
  - This is the default option. No work will be required; no credit shall be received; no proof of attendance can be provided.
- Credit/No Credit (CR/NC)
  - Students must attend at least 80% of class sessions.

*\*Please Note: If you require proof that you completed a Continuing Studies course for any reason (for example, employer reimbursement), you must choose the Credit/No Credit option. Courses taken for NGR will not appear on official transcripts or grade reports.*

**Tentative Weekly Outline:**

Tuesdays will be used for lectures and discussion with titles as shown. We'll hold informal and completely optional "office hours" in the classroom each Tuesday night right after class.

- 1 T 4/4 Introduction: Tough Times for the Only Tropical Albatross  
Durham 2017, Ch 1 (on Canvas); De Roy 2016, Ch 17
- 2 T 4/11 A Different Tortoise on Every Volcano: The "Secret Recipe" of Galápagos  
Durham Ch 2; De Roy 11 and 24

Please contact the Stanford Continuing Studies office with any questions  
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- 3 T 4/18 Darwin's Path to the Discovery of Evolution  
Durham 2012, "What Darwin Found Convincing in Galápagos" (on Canvas)
- 4 T 4/25 Generals, Goats, and Globalization: Galápagos Derailed  
Durham Ch 3; De Roy 25 and 27  
Galápagos: A Protected Area with Several Designations (Guest Lctr, Dr. Matar)  
*Post-class Happy Hour & Feedback*
- 5 T 5/2 Awesome Adaptations: Marine Iguanas and Finches  
Durham Ch 4; De Roy 12 and 13
- 6 T 5/9 Advantage of Being Flightless: The Galápagos Cormorant  
Durham Ch 7, De Roy 18 and 19
- 7 T 5/16 Fishing in a Common Pool: Stewardship in an Evolving Socio-Ecological System  
Durham Ch. 8, De Roy 9 and 28
- 8 T 5/23 The Giant Daisies of Galápagos: Where Did *They* Come From?  
Adaptive Management in Galápagos: Is it Working? (Guest Lecturer, Dr. Matar)  
Durham Ch 5, De Roy 7 and 14  
*Post-class Happy Hour & Feedback*