Evolution

Meeting Time: 12:40-2:00
Meeting Place: Rm. 312, E.E. Just Hall

Spring semester, 2004
3 credits
CRN - 82693

Richard M. Duffield
Rm. 301, 306, 806-6127
rduffield@howard.edu
T,Th 11:00-12:30
2:00-3:00 OR by appointment

Course Title

To expose the student to process and products of organic evolution.

To acquaint the student with the evidences of evolution and the processes responsible for genetic change.

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Please Note:
The syllabus for Evolution (240-01) will be distributed on the first day of class. If will also be available on Blackboard and the Department of Biology's web site (www.biology.howard.edu/syllabi/evolution.html).
The final examination will be given on Friday, April 30, 2004 from 12:00 to 2:00 in Room 312, E. E. Just Hall.

The final examination will have the same format as the hour examinations:

1. True or false (40 points)
2. Definitions (20 points)
3. Listing (30 points)
4. Short answer (30 points)
5. Essay (50 points)

The final examination is comprehensive.

There will be no make-up exams!!!

Special Student Services: Dr. Brant Williams can be reached at (202) 806-2420.

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Howard University is committed to providing an educational environment that is accessible to all students. In accordance with this policy, students in need of accommodations due to a disability should contact the Office of the Dean of the Office of Special Student Services for verification and determination of reasonable accommodations as soon as possible after admission to the university, or at the beginning of each semester. The Dean of the Office of Special Student Services for verification and determination of reasonable accommodations as soon as possible after admission to the university, or at the beginning of each semester, can be reached at (202) 806-2420.
EVOLUTION READING ASSIGNMENTS
SPRING, 2004

UNIT 1. INTRODUCTION
Chap. 1: 3-5
Jan. 8, (T)
Jan. 15, (Th)
Jan. 20, (T)
Jan. 22, (Th)
Jan. 27, (T)
Jan. 29, (Th)

UNIT 2. MACROEVOLUTION
Chap. 3: 37-58
Jan. 20, (T)
Jan. 27, (T)
Jan. 29, (Th)

Chap. 2: 16-36
Jan. 15, (Th)
Jan. 13, (T)
Jan. 8, (Th)

Chap. 2: 16-36

UNIT EXAMINATION II
Jan. 9, (T)

Chap. 11: 226-242

Chap. 10: 212-229

Chap. 9: 185-211

Chap. 10: 212-259

Chap. 8: 159-184

Chap. 7: 119-135

Chap. 5: 74-98

Chap. 6: 99-118

Chap. 4: 59-73

Chap. 3: 37-58

Chap. 2: 16-36

Chap. 1: 3-5

Modeling the Fossil Record
The Survivors
Extinctions
Adaptive Radiation

UNIT EXAMINATION II
Feb. 26, (T)
March 8 - March 21 SPRING RECESS


March 25 (Th) HOUR EXAMINATION II.

March 30, (T) Changes in Gene Frequencies Chap. 15: 312-326

April 1, (Th) April 6, (T) Nondarwinian Evolution Chap. 17: 342-354

April 3, 2004 (Saturday) SENIOR COMPREHENSIVE EXAMINATION (9:00 - 12:00)

April 13, (T) April 15, (Th) COEVOLUTION

April 20, (T) FINAL EXAMINATION FOR GRADUATING SENIORS

April 22, (Th) LAST DAY OF CLASSES

FINAL EXAMINATION FRIDAY - APRIL 30, 2004 12:00-2:00

FINAL EXAMINATION FOR GRADUATING SENIORS

UNIT 3. MICROEVOLUTION

March 13 - March 21 SPRING RECESS