

# Global Ecology

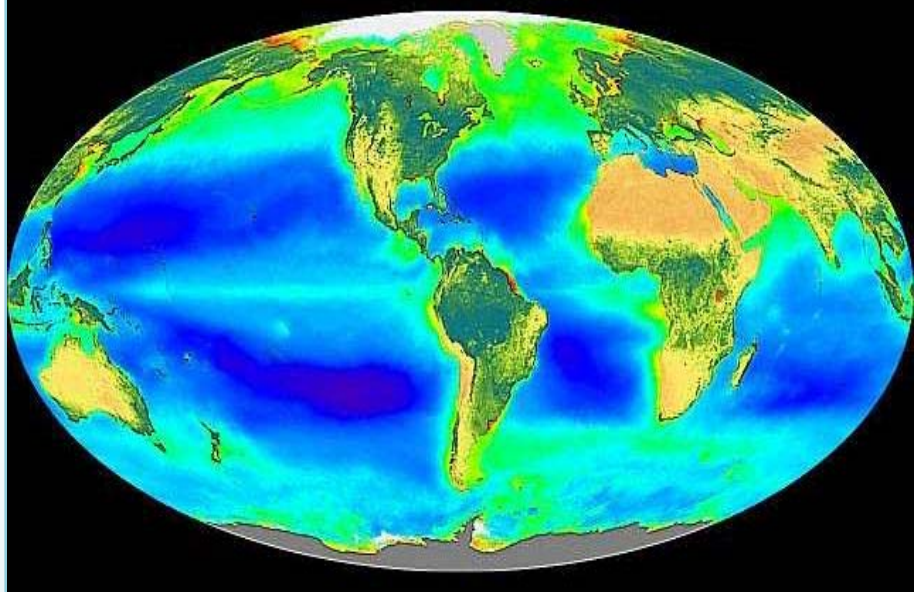
## COLLEGE OF MARINE SCIENCE

Spring 2012 Course  
(crn: 21604)

Jan 9 – Apr 27

USF St Petersburg Campus  
KORC Bldg, Room 2116  
Friday

9:00 am – 11:45 am



## ABOUT THE COURSE

This course is an overview of global elemental cycling as affected by marine production. Topics to be discussed include: trophic cascades, phytoplankton competition, bio-physical interactions, carbon cycling, nitrogen cycling, phosphorus cycling, trace metals, light and pigments in the marine environment, primary production, secondary production, the biological pump, conveyor belt oscillations and harmful algal blooms. The course is designed as a seminar class intended to promote the participants ability to incorporate and interpret the existing scientific information for each topic to answer “why is this process global?” In addition, students will learn how these global processes are linked to climate change and human perturbations.

## How to Register

### Marine Science Majors

Register using OASIS

### Other USF Majors

#### Request Permit from:

Dr. John Walsh: [jwalsh@marine.usf.edu](mailto:jwalsh@marine.usf.edu)  
or

Dr. Jason Lenes: [lenes@marine.usf.edu](mailto:lenes@marine.usf.edu)  
(Include: **1.** name, **2.** USF ID number,  
**3.** student level **4.** Major Program)

### Not a USF Student?

Become a Non-Degree student and request a permit. (\$30 application fee)  
For details, visit:

<http://www.usf.edu/Admission/non-degree-seeking.asp>

### Deadlines:

Register by: January 6, 2012