Carbonate Sedimentology is a course aimed at exposing you to modern depositional environments of carbonate rocks, and early dissolution. The goal of the course is to give you a better understanding of the depositional processes of sedimentary rocks and what is actually preserved in the geologic record. The trip to the Bahamian Field Station, the highlight of the course, limits the number of students who can take this course. Currently the trip is scheduled for the first week in December (about 2 Dec to 9 Dec, but these dates might change). The course meets in the fall term like a regular science course, but only a few of the scheduled labs will meet (the field excursion is considered the "lab" for the course). Information and updates about the course will be posted at: http://idol.union.edu/~garver/Geo35/carb.info You MUST SUBMIT this application to the Jean Conley, Geology Office, 310 Olin by 25 APRIL 2003 to be considered for this course. You may apply if you don’t have all prerequisites. You may take prerequisites concurrently (Fall 2003).

Pre-requisites:
[A] Option 1: i) Geology 10 or 12 or 11 or 16; and ii) Geology 21 or 22 or permission of instructor.
[B] Option 2: i) Geology 10 or 11 or 12 or 17; and ii) Bio 51 or Australia Term Abroad; and iii) permission of instructor. For either option, students must meet basic term abroad requirements.

Application: The kinds of things that we will be looking for are: a) evidence that you are good at working both independently and in a group; b) you have a strong academic record; c) you are excited/motivated about the course/project; d) you don't mind getting dirty, hot, or tired.

NAME ____________________________________________

MAJOR ____________________________________________

What is your overall GPA? _________________________

What is you Major GPA? __________________________

What is your major? ______________________________

What is your minor (if you have one)? ______________

1. Why do you think you should be selected to go on this course? (This may include why you want to go and why you are interested in the course) (one paragraph)

2. List specific courses (course titles, not numbers) that you have taken or will have taken by the end of Fall term 2003 (Geology and Biology courses only).
3. Do you have non-science background relevant to this course?

4. What is your career objective?

5. Do you plan to go to graduate school?  
   If so, what discipline?

6. Other reasons why you would benefit from learning about carbonate sediments, storms, climate change, or sea level change?