Lehman College, CUNY  
Department of Earth, Environmental, and Geospatial Sciences  
ENV 420 (Natural Resource Management: Senior Seminar)  
Fall 2020

Class: ENV 420 (Natural Resource Management: Senior Seminar)  
Class Meeting Days/Time: Wednesdays, 1:00-2:40 P.M.; via Blackboard Collaborative Ultra)  
Professor: Dr. Hari K. Pant  
Office Number: GI 315  
Consultation Hours: By appointment (Mondays, 3:10-5:30 P.M., and Wednesdays 3-5 P.M.; via Blackboard Collaborative Ultra).  
Telephone: 718-960-5859  
Email: hari.pant@lehman.cuny.edu

Course Description: 2 hours, 2 credits. Capstone experience for students majoring in Environmental Sciences. Integration of concepts and use of skills, methodology, and knowledge from relevant undergraduate courses. PREREQ: ENV 210, ENV 211, and ENV 330; or Departmental permission.

Learning Outcomes: Students will be able to acquire state-of-the-art information on various natural resource managements,  
develop techniques on critically analyzing scientific data/results/discussions,  
comprehend complex scientific data/results, and participate in active discussion, and  
learn effective presentation skills, such as incorporating quantitative data, graphs/charts and tables, for workshop and conference presentations.

Suggested reading: Relevant materials/articles for individual topics will be suggested throughout the semester.

Attendance Policy: Attendance and punctuality to the class will be noticed and will affect your grade. Each absence after 2 absences will cost 5 points off the attendance grade. Late homework assignments are NOT accepted. See Missed Exam policy under Grading Section.

***Announcements are usually made during the first 5 minutes of class, so be on time. It is your responsibility to get the work you missed from the Professor or other classmates.

Grading Policy: Final exam (15%), one research paper (15%), one group debate (20%), one individual seminar (30%), and participation (class room activities and attendance; 20%).
**Missed Exams:** You will have no opportunity to makeup a missed exam, and will be given a grade of zero unless excused by the Professor (with a verified medical or emergency excuse only). If excused by the Professor, a makeup exam may be given (which may be essay or oral). Additional missed tests or assignments will be given a grade of zero unless excused by the Professor. **Any excused absence requires a neatly written or typed explanation of why you will miss or have missed, and must have supporting documentation.** Each individual’s circumstances vary, thus the Professor will evaluate each situation on its own merits. It is at the sole discretion of the Professor to excuse a student from a missed exam based on extenuating circumstances. It is your responsibility to submit the documentation to me during office hours ONLY and discuss the missed test, class or assignment with me when you return to class and before the end of the semester — no exceptions.

It is advised that the student call or e-mail the Professor immediately if an emergency arises and the student will miss or has missed an exam, or assignment deadline [the assignment may be e-mailed to the Professor on the due date so that the assignment is not late]. The Professor will set up an appointment with the student to further discuss the situation.

**Withdrawal Policy:** In accordance with the Lehman College policy as stated in the college catalog, students may proceed for withdrawal from a course. This semester, the withdraw deadline is ……., 2020. The student must take responsibility for initiating the withdrawal procedure. Students are strongly encouraged to talk with the Professor first, before taking any withdrawal action.

**Accommodating Disabilities:** Lehman College is committed to providing access to all programs and curricula to all students. Students with disabilities who may need classroom accommodations are encouraged to register with the Office of Student Disability Services. For more information, please contact the Office of Student Disability Services, Shuster Hall, Room 238, telephone number, 718-960-8441.

**The Academic Center for Excellence (ACE) and the Science Learning Center (SLC)**
The Academic Center for Excellence (ACE) and the Science Learning Center (SLC) are two of the tutoring centers on campus. The ACE provides appointment-based and drop-in tutoring in the humanities, social sciences, and writing, as well as general writing and academic skills workshops. The SLC provides drop-in tutoring for natural science courses. To obtain more information about the ACE and the SLC, please visit their website at http://www.lehman.edu/issp, or please call the ACE at 718-960-8175, and the SLC at 718-960-7707.

**Academic Integrity and Plagiarism Policy:** Plagiarism is the use of ideas, facts, opinions, illustrative material, data, direct or indirect wording of another scholar and/or writer—professional or student—without giving proper credit. Expulsion, suspension, or any lesser penalty may be imposed for plagiarism. For more information, please refer to [http://www.lehman.cuny.edu/student-affairs/documents/student-handbook-02.pdf](http://www.lehman.cuny.edu/student-affairs/documents/student-handbook-02.pdf)

**Standards of Conduct:** Students are expected to abide by all the College guidelines.

1. **Classroom courtesy:** Students are expected to participate during class, however, discussion should be conducted in an orderly manner. A student should raise his/her hand to ask a question or comment on a topic. Side conversations between students will NOT be tolerated. Disruptive or disrespectful behavior at any time will not be tolerated.
2. **Beepers and cell phones**: Both are required to be turned off during all classes - no exceptions. If your phone or beeper goes off during class, you will be expected to leave the classroom for the remainder of the lecture.

3. **Academic Integrity**: All Students are to maintain ethical academic behavior at all times. The following is a partial list of conduct that would be unbecoming of a member of a college community:
   1. Plagiarism or unauthorized collaboration on any assignment
   2. Cheating on examinations, quizzes and assignments
   3. Multiple submissions of work for credit more than once
   4. Forgery, falsification, or sabotage
   5. Theft, damage, or misuse of library or computer resources

**Flexibility clause**: Circumstances may arise during the course that may prevent the Professor from fulfilling each and every component of this syllabus; therefore, the syllabus schedule should be viewed as a guide and is subject to change. Students will be notified of changes in advance.

**Important Dates and Course Assignments**:

Research Paper Due: October 21, 2020
Final Exam: December 16, 2020 (at time class meets)

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<tr>
<th>Week</th>
<th>Topics</th>
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<tbody>
<tr>
<td>1</td>
<td>Natural resource management issues and opportunities</td>
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<tr>
<td>2 &amp; 3</td>
<td>Discussion on research paper, and identifications of debate and research topics</td>
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<td>4</td>
<td>Invited Speaker</td>
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<tr>
<td>5-7</td>
<td>Group debate on environmental issues</td>
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<td>8 &amp; 9</td>
<td>Critical analysis of published papers on resource management by student groups</td>
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<td>10-15</td>
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**FINAL EXAM**