<table>
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<tr>
<th>Feature</th>
<th>Considerations</th>
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| **Instructor & TA Information (for each Faculty and TA)** | • Asha S Kapadia  
• Yaji Xu  
• Su Jing  
• asha.s.kapadia@uth.tmc.edu  
• Yaji.Xu@uth.tmc.edu  
• Jing.Su@uth.tmc.edu  
• 713-500-9180  
• 713-500-9000  
• RAS W928  
• RASW934  
• MW 12-2pm  
• TTH10-12pm  
• Appointment via email or telephone |
| **Course Description** | • PH 1726: Intermediate Biostatistics II  
• Spring 2010  
• 4 hrs  
• Face to Face  
• This course will start with basic principles in parameter estimation and testing of hypotheses. This will be extended to non parametric statistics. Multiple linear regression is taught and leads to logistics regression and Mantel Haenszel technique etc. |
• STATA  
• Course texts may be purchased from campus bookstore or online book service.  
• Additional readings will be made available on the course Blackboard site. |
| **Course Learning Objectives** | 1. Apply basic statistical methods for summarizing public health data and draw inference |

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2. Distinguish among the different measurement scales and based on these distinctions recognize the implications for selection of appropriate statistical methods  
3. Apply descriptive techniques commonly used to summarize public health data  
4. Recognize concepts of probability, random variation, and commonly used statistical probability distributions  
5. Apply common statistical methods for inference, including estimation, confidence intervals and hypotheses testing.  
   - Multiple linear regression and Logistics Regression  
   - Mantel Haenszel Technique

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<th>Learning Activities</th>
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<tr>
<td>• Home works and two in-class tests</td>
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<td>• NA</td>
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<th>Student Assessment And Grading Criteria</th>
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<td>Final grades will be based on a student’s knowledge of the course material as demonstrated by participation in class activities, completion of homework assignments, two in-class exams. Late assignments will not be accepted without prior approval from the instructor. All homework to be submitted to the instructor on the due date.</td>
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<td>The students are asked not to consult with each other on the homework. The exams will be in-class open notes and open book.</td>
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<td>• Students are graded based on their performance on two in-class tests and homeworks</td>
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<tr>
<th>Prerequisites and/or Technical Requirements</th>
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<tr>
<td>• Equivalent of Introductory Statistics</td>
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<td>• Interest in computer software se.</td>
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<td>• TA’s will offer special sessions in STATA</td>
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Regular attendance and participation are important parts of the course. Cheating and/or plagiarism of any kind will result in a failing grade for the course.

If you have a learning disability, sensory, or physical disability or other impairment, or if English is your second language and you may need special assistance in lecture, reading assignments, and/or testing, please contact the instructor.

Information about withdrawal dates, incomplete grades, academic dishonesty and other policies are listed in the SPH catalog.

- An incomplete grade will be awarded to a student for very compelling reasons. If at the end of the semester for some valid reason, a student is unable to complete the course the student may request to take an incomplete. If the instructor feels the reason is valid, he/she may give the student an incomplete with the understanding that the student will complete the requirements for the course soon.
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- If a student is found to cheat from another in the class or is an enabler, he/she may get a Fail grade.
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- DO NOT SUBMIT COURSE CALENDAR TO STUDENT AFFAIRS.
- List class activities and due dates.
- Create a separate document for the course calendar, which will allow students to print it.

For help with learning objectives, see [http://www.sph.uth.tmc.edu/oid/default.aspx?id=9224](http://www.sph.uth.tmc.edu/oid/default.aspx?id=9224)