Name:
Email: Lab:
Undergraduate: Graduate: Postdoc:
Major: Dept: PhD, MD?
Have you taken an introductory probability class (stat116 type)?
Have you taken an introductory statistics class (stat60 type)?
Have you taken an introductory biology class?
Do you have access to the internet?
Do you know how to view/print a pdf file?
Have you ever used: Splus Yes No matlab Yes No JMP Yes No
Another statistics package: ?
What do you hope to learn most in this class?(only choose 12)
  Bayesian methods, Gibbs sampling.
  Monte Carlo Markov Chains.
  Phylogenetic Analysis.
  Nonparametric testing, bootstrap, permutation tests.
  Parametric Testing (likelihood ratios).
  Multivariate Analysis (PCA, Correspondence Analysis,MDS).
  Data visualization.
  Dynamic programming.
  The EM (expectation-maximisation) algorithm.
  Hidden Markov models and probabilistic modelling.
  Median networks, graph estimation techniques, (splitstree...).
  Branch and bound, exhaustive enumeration, exact tests.
  Hierarchical clustering, minimum spanning trees.
  Gene order data, gene rearrangement.
  Understanding BLAST and Fasta.
  How to use Markov chain programs, Matlab, HMMER 2.2, Wise 2, Probe
  How to use phylogenetic software: phylip, mrbayes, puzzle, seqgen.
  How to use statistical software: matlab, Splus(R), Xgobi, Arlequin.

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What type of problem/data are you most interested in? (only choose 1)

- Gene Expression.
- Evolutionary history.
- Pathways and networks.
- Categorical Data analysis.
- Combining Trees and other data.
- Testing Complex Hypotheses.
- Other? Specify

If you are applying to be an auditor, are you prepared to commit to coming to every lecture and participating in the class projects?

Please write in detail your reasons for taking this class: