Statistical Bioinformatics: with R

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Designed for a one or two semester senior undergraduate or graduate bioinformatics course, *Statistical Bioinformatics* takes a broad view of the subject - not just gene expression and sequence analysis, but a careful balance of statistical theory in the context of bioinformatics applications. The inclusion of R code as well as the development of advanced methodology such as Bayesian and Markov models provides students with the important foundation needed to conduct bioinformatics.

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- Integrates biological, statistical and computational concepts
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- Provides coverage of complex statistical methods in context with applications in bioinformatics
- Exercises and examples aid teaching and learning presented at the right level
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