

# Introduction to Bioinformatics

## Material for Exam #2

Questions for each of the exams will taken (with some modification) from the various Problem Sets, Study Questions, and tours covered since the last exam (or, in the case of Exam #1, since the beginning of the semester). For Exam #2, the following are fair game:

Problem Set 4: Loops and Mapping

Problem Set 5: Statistics and Odds and Ends

Study Questions from notes for:

Introduction to Mapping

Elements of a Loop

Search for FMRP in *Drosophila*

Sequence Contrasts (GC-content)

Sequence Contrasts (Dinucleotide Bias)

Sequence Contrasts (Codon Usage)

Tour #6 – *Edwards & Rohwer* (2005)

Tour #7 – Was Mendel Right (Part I)

Tour #8 – Was Mendel Right (Part II)

... and that's it. If you can solve these problems and answer the questions, you should be able to do the same readily on the exam.

For more, see *Course at a Glance, Objectives and Strategies, Integrative Exams*