FORM AA-GB

Course Program for a Ph.D. in GGB: Genomics and Bioinformatics Track

Student’s Name: ___________________________________

Use the following outline as a check list to be sure that ALL coursework requirements have been met. This list (Form AA-GB) will be submitted to the Graduate Advisor along with a Course Plan (Form BB), additional relevant courses taken (Form CC) and a letter from the Chair of the Guidance Committee explaining any unusual features of the file.

**Entry Requirements (courses taken as an undergrad*)**:  
**Equivalent course at other institution:**  
(Course #, Title, Year, Grade, Institution)

**Courses at UCR:**

___ BCH 100  
Elementary Biochemistry

___ BIOL 5A-B-C  
General Biology

___ BIOL 102  
Introductory Genetics

___ CHEM 1A-B-C  
General Chemistry

___ CS 014  
Data Structures and Algorithms

___ MATH 9A-B-C  
Calculus

___ STAT 100A  
Introduction to Statistics

* Deficiencies will be rectified in the first year at UCR

**Core Classes:**

Students will take the following classes at UCR that provide requisite training in statistics and bioinformatics/genomics.

**Bioinformatics and Genomics Requirement:**

___ GEN 240A  
Advances in Bioinformatics and Genomics *(Winter)*

___ GEN 240B  
Advances in Bioinformatics and Genomics *(Spring)*

**Computer Science Requirement:**

___ CS 141  
Intermediate Data Structures and Algorithms *(Fall, Winter, Spring)*
**Statistics Requirement:**

Complete two courses from among the following:

___ STAT 110    Biostatistical Methods in Life Sciences *(Fall)*

___ STAT 160B   Elements of Probability and Statistical Theory *(Winter)*

___ STAT 161    Introduction to Probability Models *(Spring)*

___ Only one from the following:

___ STAT 160A   Elements of Probability and Statistical Theory *(Fall)*

___ STAT 155    Probability and Statistics *(Fall, Winter, Summer)*

___ MATH 149A   Probability and Mathematical Statistics *(Fall)*