

Student Name:

FORM AA-GB**Course Program for a Ph.D. in GGB: Genomics and Bioinformatics Track**

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 (<i>Winter</i>)
___ GEN 240B	Advances in Bioinformatics and Genomics (<i>Spring</i>)

Computer Science Requirement:

___ CS 141	Intermediate Data Structures and Algorithms (<i>Fall, Winter, Spring</i>)
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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*)

One of 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*)