

Student Name:

FORM AA-EPG

Course Program for a Ph.D. in GGB: Evolution and Population Genetics Track

Use the following outline as a check list to be sure that **ALL** coursework requirements have been met. This list (Form AA-EPG) 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:

- | | | |
|---------------------------------------|-------------------------------|-------|
| <input type="checkbox"/> BCH 100 | Elementary Biochemistry | _____ |
| <input type="checkbox"/> BIOL 5A-5B-C | General Biology | _____ |
| <input type="checkbox"/> BIOL 102 | Introductory Genetics | _____ |
| <input type="checkbox"/> BIOL 108 | Intro. to Population Genetics | _____ |
| <input type="checkbox"/> CHEM 1A-1B-C | General Chemistry | _____ |
| <input type="checkbox"/> CHEM 112A-B | Organic Chemistry | _____ |
| <input type="checkbox"/> MATH 9A-B | Calculus | _____ |
| <input type="checkbox"/> STAT 100A | Introduction to Statistics | _____ |

** Deficiencies will be rectified in the first year at UCR*

Core Classes (*required courses to be taken in the GGB program at UCR*):

Evolutionary Biology Requirement:

- BIOL 216 Theory of Evolution (*Fall, Spring*)

Population Genetics Requirement:

- BIOL 214 Advanced Population Genetics (*Winter*)

Statistics Requirement:

Complete at least one course from among the following:

- MATH 149A Probability and Mathematical Statistics (*Fall*)
- PSYC 211 Statistical Inference (*Fall*)
- PSYC 212 Multiple Regression and Correlation Analysis (*Spring*)

- ___ PSYC 213 Experimental Design and Analysis of Variance (*Winter*)
- ___ STAT 110 Biostatistical Methods in Life Sciences (*Fall*)
- ___ STAT 155 Probability and Statistics for Science and Engineering (*Fall, Winter, Summer*)
- ___ STAT 160A Elements of Probability and Statistical Theory (*Fall*)
- ___ STAT 160B Elements of Probability and Statistical Theory (*Winter*)
- ___ STAT 160C Elements of Probability and Statistical Theory (*Spring*)
- ___ STAT 170A Regression Analysis (*Fall*)
- ___ STAT 170B Design of Experiments (*Winter*)
- ___ STAT 231A Statistics for Biological Sciences (*Winter*)
- ___ STAT 231B Statistics for Biological Sciences (*Spring*)

Additional Course Requirements:

Complete at least one course from among the following:

- ___ BIOL 215 Advanced Methods for Data Analysis (*Spring*)
- ___ BIOL 219 Theory of Systematics (*Spring*)
- ___ BPSC 223 Applied Evolutionary Genetics (*Winter*)
- ___ GEN 240A Advances in Bioinformatics and Genomics (*Winter*)
- ___ or a graduate level course approved by the Guidance Committee and Graduate Advisor