FORM AA-EPG

Course Program for a Ph.D. in GGB: Evolution and Population Genetics 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-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:
____ BCH 100 Elementary Biochemistry
____ BIOL 5A-5B-C General Biology
____ BIOL 102 Introductory Genetics
____ BIOL 108 Intro. to Population Genetics
____ CHEM 1A-1B-C General Chemistry
____ CHEM 112A-B Organic Chemistry
____ MATH 9A-B Calculus
____ 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