

IBG Certificate Program Checklist

Name: _____ Primary Training Program: _____
 Student Number: _____ Date entered primary program: _____
 IBG Advisor: _____ Date entered IBG certificate program: _____
 Department: _____ Source of funding: _____
 Advisory Committee: _____

Requirements and Progress**I. Journal Club**

Attendance is required during all semesters. Each student must make three presentations. At least one presentation should be focused on the student's research. (Participation in the IBG Mini-Conference and Poster Day is also required).

Date of Article Presentation #1 _____ Date of Article Presentation #2 _____ Date of Article Presentation #3 _____

II. Coursework

<u>Topic</u>	<u>Courses that Fulfill the IBG Certificate</u>	<u>Date Completed</u>	<u>Grade</u>
Group A Courses: Students must complete 5 Group A courses (or the first 4 if entering before Fall 2021)			
• Physiological Genetics	PSYC/IPHY 5200	_____	_____
• Intro to Behavioral Genetics	PSYC 5102	_____	_____
• Graduate Statistics ^a	PSYC 5741, 5751, IPHY5800	_____	_____
• Scientific Integrity/Ethics	GRAD 5000 or other approved RCR course	_____	_____
• Methods Prosem. in BG ^b	Course # varies depending on Instructor	_____	_____

Notes: ^aor other approved statistics course; ^bonly required for students entering Fall 2021 and later. Offered every other year. Must be taken after the first two courses on this list (PSYC/IPHY 5200 & PSYC 5102)

Group B Courses: Students obtaining a certificate must complete at least 2 Group B courses. BPSG students must complete 3.

• Introduction to Neuroscience	NRSC 5100, 5110	_____	_____
• Quantitative Genetics	PSYC 5122 or EBIO5700	_____	_____
• Neurobiology of Addiction ^c	NRSC 5545	_____	_____
• Biometrical Methods in BG	PSYC 5242	_____	_____
• Bioinformatics and Genomics	IPHY 5262 or MCDB 5520	_____	_____
• Special Topics: Genomics	EBIO 5460	_____	_____
• Statistical Programming in R	PSYC 5541 or INFO 5652	_____	_____
• Neurophysiology	IPHY 5720	_____	_____
• Structural Equation Modeling	PSYC 5761 or EDUC 7396	_____	_____
• Molecular Neurobiology	MCDB 5777	_____	_____
• Multivariate Genomic Methods for mental health ^d	PSYC 7102	_____	_____
• Circuits and Genetics of Emotion and Mental health ^d	PSYC 7102	_____	_____

Group C Courses: Students obtaining a certificate must complete at least 1 group C course. BPSG students must complete at least 2 group C courses. Group C courses are meant to complement and facilitate student research interests and training goals. These courses can come from the group of courses listed at the end of this document or any other course or courses that is/are relevant to the student's research and training goals. If a student identifies a course (or courses) they would like to take in lieu of the listed Group C courses, they must get approval from the Training Committee prior to taking the course. If a student has taken more than the required number of Group B courses, the additional Group B course(s) can be used towards the Group C requirement.

- Course taken _____ Course number _____
- Course taken _____ Course number _____

III. Teaching

Students MUST TA for one semester. Course _____ Semester _____

Annual Meetings with IBG Advisory Committee

Date of Meeting	Faculty Present at Meeting	Outcome/Notes
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Date Comprehensive exam completed _____

Date Master's degree completed (if applicable) _____

Date Ph.D. Thesis defense completed _____

All requirements met for BG Certificate _____

Group C courses that do not require prior Training Committee approval

- Genetics and Substance Use Disorders^c PSYC 7102
- Aging and Neurodevelopmental Disorders IPHY 6010
- Topics in Advanced SEM PSYC 6761
- Behavioral Neuroendocrinology NRSC 5092
- Translational Cognitive Neuroscience PSYC 7215
- Adult Psychopathology PSYC 5422
- Clinical Neuroscience PSYC 5072
- Computational Cognitive Neuroscience PSYC 5175
- fMRI analysis PSYC 7215
- Mechanisms of Gene Regulation in Eukaryotes MCDB 5471
- Animal Behavior EBIO 5800
- Neurobiology of Learning and Memory PSYC 5032
- Statistical and Computational Analysis of the Human Genome BCHM 5631

Notes: ^cat least one of these courses is required of NIDA trainees; ^dNIMH trainees are required to take at least 1 of these courses

