Updated 9/2021

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

Topic	Courses that Fulfill the IBG Certificate	Date Completed	Grade
A Courses: Students must complete 5 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		
B Courses: Students must complete at least 2 courses. BPSG students must complete 3.			
• Introduction to Neuroscience	NRSC 5100, 5110		
• Quantitative Genetics	PSYC 5122/EBIO5800		
• Neuropharmacology[c]	NRSC 5132		
• Neurobiology of Addiction[c]	NRSC 523		
• Biometrical Methods in BG	PSYC 5242		
• Bioinformatics and Genomics	IPHY 5262		
• Special Topics: Genomics	EBIO 5460		
• Statistical Programming in R	PSYC 5541		
• Neurophysiology	IPHY 5720		
• Structural Equation Modeling (SEM)	PSYC 5761		
• Molecular Neurobiology	MCDB 5777		
• Special Topics: Statistical Genetics	PSYC XXX (number TBD)		

Notes: [a]*or other approved statistics course;* [b]*only 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)*

Notes: [c]*at least one of these three courses (see Section C below for the third course) is required of NIDA trainees*

C Courses: Students must complete at least 1 course (2 courses for BPSG students) to complement and facilitate their research interests and training goals. These courses can come from the group of already approved courses listed at the end of this document or another course or courses 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 approved courses, they must get approval from the Training Committee prior to taking the course. In cases where the student would like to take a course not on the approved list, the student should speak with their advisory committee to discuss the course and its relevance to their interests and research goals prior to seeking approval by the Training Committee.

- 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 _____

Courses currently approved to fulfill course requirement C

- Genetics and Substance Use Disorders[c] PSYC 7102
- Genetics of Psychopathology[d] PSYC 7102
- Population Genetics in Modern Genomics Era PSYC 7102
- Methods in Genetics of Complex Traits PSYC 5541
- Aging and Neurodevelopmental Disorders IPHY 6010
- Benchmark Papers in BG PSYC 7102
- Topics in Advanced SEM PSYC 6761
- Developmental Psychopathology PSYC 5453
- Clinical Neuroscience PSYC 5072
- Behavioral Neuroendocrinology PSYC5092

Notes: [c]*at least one of these three courses is required of NIDA trainees;* [d]*required of NIMH trainees*