

UConn | COLLEGE OF LIBERAL ARTS AND SCIENCES

COMMITTEE ON CURRICULA AND COURSES

Proposal to Add a New Graduate Course

Last revised: September 24, 2013

1. Date: Jan 2014
2. Department requesting this course: Psychology
3. Semester and year in which course will be first offered: Spring 2015

Final Catalog Listing

Assemble this after you have completed the components below. This listing should not contain any information that is not listed below!

PSYC 5150. Neurodevelopment and Plasticity
3 credits. Seminar. Open to graduate students in Psychology, SLHS, PNB;
others with consent of instructor.

Overview of brain development including: embryonic neurogenetics; evolution and evo-devo; how emergent behavioral capabilities reflect neural growth in neurobehavioral development; and how disruptions of neurodevelopment cause developmental disabilities. Also offered as COGS 5130. Offered bi-annually in Spring semester.

Items Included in Catalog Listing

Obligatory Items

1. [Abbreviation](#) for Department, Program or [Subject Area](#): PSYC
2. [Course Number](#): 5150
3. Course Title: Neurodevelopment and Plasticity
4. [Number of Credits](#) (use digits, "3" not "three"): 3
5. [Course Description](#) (second paragraph of catalog entry):

Overview of brain development including: embryonic neurogenetics; evolution and evo-devo; how emergent behavioral capabilities reflect neural growth in neurobehavioral development; and how disruptions of neurodevelopment cause developmental disabilities. Also offered as COGS 5130. Offered bi-annually in Spring semester.

6. [Course Type](#), if appropriate:
 Lecture Laboratory Seminar Practicum

Optional Items

7. [Prerequisites](#), if applicable:
8. [Recommended Preparation](#), if applicable: COGS 5110 (Foundations I); PSYC 5140 (Foundations in Neuropsychology)
9. [Consent of Instructor](#), if applicable: Consent required
10. [Exclusions](#), if applicable:
11. [Repetition for credit](#), if applicable:
12. [S/U grading](#):

Justification

1. [Reasons for adding this course](#): No other graduate-level course at UConn integrates an in-depth treatment of developmental neurobiology (including genetic factors modulating neural proliferation, migration, etc.) with cognitive behavioral development and disability.
2. [Academic merit](#): The course will employ an optional text that bridges these domains (Brain Development and Cognition: A Reader), but will focus on topical peer-reviewed journal articles pertinent to weekly topics.
3. [Overlapping courses](#): PSYC 5420 Cognitive development (covers only behavioral aspects of development but *not* neurobiology); PNB 6147 Developmental neurobiology (covers only neurobiologic aspects of brain development but *not* behavior).
4. Number of students expected: 12
5. Number and size of sections: 1 section
6. [Effects on other departments](#): None (but available as resource)
7. [Staffing](#): Fitch
8. [Dates approved](#) by
Department Curriculum Committee: Feb. 12, 2014

Department Faculty:
9. Name, Phone Number, and e-mail address of principal contact person: R. Holly Fitch, 486-2554, roslyn.h.fitch@uconn.edu

Syllabus

A [syllabus](#) for the new course must be attached to your submission email.

Additional Approval

New graduate courses must also be approved by the Graduate Faculty Council.