PROPOSED CHANGES TO THE BSA, NEUROSCIENCE MAJOR, IN THE COLLEGE OF NATURAL SCIENCES IN THE UNDERGRADUATE CATALOG 2016-2018

Type of Change¹ ☒ Academic Change
☐ Degree Program Change (THECB² form required)

Proposed classification³ ☒ Exclusive ☐ General ☐ Major

1. IF THE ANSWER TO ANY OF THE FOLLOWING QUESTIONS IS YES, THE COLLEGE MUST CONSULT LINDA DICKENS, DIRECTOR OF ACCREDITATION AND ASSESSMENT, TO DETERMINE IF SACS-COC APPROVAL IS REQUIRED.
   • Is this a new degree program? ☐ Yes ☒ No
   • Does the program offer courses that will be taught off campus? ☐ Yes ☒ No
   • Will courses in this program be delivered electronically? ☐ Yes ☒ No

2. EXPLAIN CHANGE TO DEGREE PROGRAM AND GIVE A DETAILED RATIONALE FOR EACH INDIVIDUAL CHANGE:
   Removal of NEU 365R as an option to NEU 330.
   **Rationale:** NEU 365R is our service course and has been removed as a prerequisite for other neuroscience upper-division courses. We want all students majoring in neuroscience to take NEU 330, the first of the two core introductory courses in the field.
   Addition of several NEU courses to the list of approved coursework in requirement 2d.
   **Rationale:** Some new courses have been developed and we wish to add them to the list of electives for students. We have included the neuroscience lab courses as options. BSA neuroscience majors may enroll in upper-division lab courses if there is room.
   Addition of BIO 325.
   **Rationale:** Neuroscience faculty decided that BIO 325, Genetics, should be required for students in this major. Exchange of positions of approved physics sequences (PHY 317K and 301 sequences).
   **Rationale:** Student tend to take the first set of courses they see listed, and we would prefer they take the PHY 317K sequence because it focuses more on biomedical applications.

3. THIS PROPOSAL INVOLVES (Please check all that apply)
   ☐ Courses in other colleges ☐ Courses in proposer’s college that are frequently taken by students in other colleges ☐ Flags
   ☐ Course in the core curriculum ☐ Change in course sequencing for an existing program ☒ Courses that have to be added to the inventory NEU 367W (to replace BIO 367W) NEU 371M (to replace BIO 371M)
   ☒ Change in admission requirements (external or internal) ☐ Requirements not explicit in the catalog language (e.g., lists of acceptable courses maintained by department office)

4. SCOPE OF PROPOSED CHANGE
   a. Does this proposal impact other colleges/schools? ☐ Yes ☒ No
      If yes, then how?
   b. Do you anticipate a net change in the number of students in your college? ☐ Yes ☒ No
      If yes, how many more (or fewer) students do you expect?
   c. Do you anticipate a net increase (or decrease) in the number of students from outside of your college taking classes in your college? ☐ Yes ☒ No
      If yes, please indicate the number of students and/or class seats involved.
d. Do you anticipate a net increase (or decrease) in the number of students from your college taking courses in other colleges?  
   If yes, please indicate the number of students and/or class seats involved.  

If 4 a, b, c, or d was answered with yes, please answer the following questions.  If the proposal has potential budgetary impacts for another college/school, such as requiring new sections or a non-negligible increase in the number of seats offered, at least one contact must be at the college-level.

   How many students do you expect to be impacted?  
   Impacted schools must be contacted and their response(s) included:  
   Person communicated with:  
   Date of communication:  
   Response:

e. Does this proposal involve changes to the core curriculum or other basic education requirements (42-hour core, signature courses, flags)? If yes, explain:  No.

If yes, undergraduate studies must be informed of the proposed changes and their response included:  
   Person communicated with:  
   Date of communication:  
   Response:

f. Will this proposal change the number of hours required for degree completion? If yes, explain:  No.

5. COLLEGE/SCHOOL APPROVAL PROCESS
   Department approval date:  April 28, 2015; September 16, 2015  
   College approval date:  September 9, 2015;  
   Dean approval date:

PROPOSED NEW CATALOG TEXT:

Neuroscience

Major

1. Mathematics:
   a. Mathematics 408C or 408N and 408S.  
   b. Statistics and Data Sciences 328M.

2. Primary science:
   a. Biology 206L, 311C, and 311D, and 325 or 315H and 325H.  
   b. Neuroscience 365R or 330.  
   c. Neuroscience 335.  
   d. Twelve additional semester hours of neuroscience, chosen from: Biology 337 (Topic:  
   [NOTE: BIO 365N has BIO 349 and 365R or 371M as prereq]

3. Secondary science:
   a. Chemistry 301 or 301H, 302 or 302H, and 204.  
   b. One of the following physics sequences:  
      ii. Physics 303K, 103M, 303L, 103N.

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1 See [http://www.utexas.edu/provost/planning/cat_change/UnderGrad.html](http://www.utexas.edu/provost/planning/cat_change/UnderGrad.html) for detailed explanations.

2 Texas Higher Education Coordinating Board.

3 Exclusive: of exclusive application and of primary interest only to a single college or school ("no protest" period is 5 working days); general: of general interest to more than one college or school (but not for submission to the General Faculty) ("no protest" period is 10 working days); major legislation must be submitted to the General Faculty for adoption ("no protest" period is 10 working days).

4 The proposed text should be based on the text of the current catalog available at [http://www.utexas.edu/faculty/council/pages/catalog_chgs/catcopy.html](http://www.utexas.edu/faculty/council/pages/catalog_chgs/catcopy.html).

**Strike through and replace (with underlines) only the specific language to be changed. Do NOT use “track changes!”** For questions on completing this section, please contact Victoria Cervantes, fc@austin.utexas.edu, 471-5936 or Brenda Schumann, brenda.schumann@austin.utexas.edu, 475-7654.