

## **CURRICULUM COMMITTEE REPORT**

**The Curriculum Committee recommends the following courses to the Graduate Board for approval at its September 22, 2016 meeting.**

### *Modified Courses:*

BIO 555 Biological Invasions



## NEW COURSE PROPOSAL/MODIFICATION/ELIMINATION FORM FOR GRADUATE COURSES

Graduate course proposals, modifications, or eliminations must be submitted to the Graduate School no later than the 3rd of each month. Please refer to the Graduate School website for the Curriculum Committee meetings schedule. Electronic signatures and submission is required.

RECEIVED

AUG 26 2016

GRADUATE SCHOOL

Please return the completed e-form with appropriate signatures and documentation to the Graduate School by saving the form to your desktop and sending as an attachment to erin.twitchell@maine.edu. Please include in the subject line 'Course Proposal' and the course designator and number.

GRADUATE PROGRAM/UNIT

**School of Biology and Ecology**

COURSE DESIGNATOR

**BIO**

COURSE NUMBER

**555**

EFFECTIVE SEMESTER

**Spring 2017**

COURSE TITLE

**Biological Invasions**

### REQUESTED ACTION

**NEW COURSE** (check all that apply, complete Section 1, and submit a complete syllabus):

- ☐ New Course  
☐ New Course with Electronic Learning  
☐ Experimental

**MODIFICATION** (Check all that apply and complete Section 2):

- ☐ Designator Change    ☐ Description Change    ☐ Cross Listing (must be at least 400-level)<sup>1</sup>  
☐ Number Change    ☐ Prerequisite Change    ☐ Other (specify) \_\_\_\_\_  
☐ Title Change    ☒ Credit Change

### **ELIMINATION:**

- ☐ Course Elimination

### ENDORSEMENTS

Please sign using electronic signatures. If you do not already have a digital signature, please click within the correct box below and follow the on-screen instructions.

**Leader, Initiating Department/Unit(s)**

**Andrei Alyokhin**

Digitally signed by Andrei Alyokhin  
DN: cn=Andrei Alyokhin, o=University of Maine,  
ou=School of Biology and Ecology,  
email=alyokhin@maine.edu, c=US  
Date: 2016.08.16 10:58:36 -04'00'

**College(s) Curriculum Committee Chair(s)** (if applicable)

*E. Ashworth*

**College Dean(s)**

**Graduate School** [sign and date]

1. Courses cross-listed below 400-level require the permission of the Graduate School.

## **SECTION 1 (FOR NEW COURSE PROPOSALS)**

Proposed Catalog Description (include designator, number, title, prerequisites, credit hours):

Components (type of course/used by Student Records for MaineStreet) – *Multiple selections are possible for courses with multiple non-graded components:*

- |  |  |  |  |                                 |
|--|--|--|--|---------------------------------|
| <input type="checkbox"/> Applied Music | <input type="checkbox"/> Clinical        | <input type="checkbox"/> Field Experience/Internship | <input type="checkbox"/> Research          | <input type="checkbox"/> Studio |
| <input type="checkbox"/> Laboratory    | <input type="checkbox"/> Lecture/Seminar | <input type="checkbox"/> Recitation                  | <input type="checkbox"/> Independent Study | <input type="checkbox"/> Thesis |

Text(s) planned for use:

Course Instructor (include name, position, teaching load):

Reason for new course:

Does the course addition require additional department or institutional facilities, support and/or resources, e.g. new lab facilities, computer support and services, staffing (including graduate teaching assistants), or library subscriptions and resources?

- ☐ No. The department will not request additional resources for this course.
- ☐ Yes. Please list additional resources required and note how they will be funded or supported.

What other departments/programs are affected (e.g. course overlap, prerequisites)? Have affected departments/programs been consulted? Any concerns expressed? Please explain.

How often will this course be offered? Will offering this course result in overload salary payments, either through the college or CED, either to the instructor of this course or to anyone else as a result of rearranging teaching assignments?

## **SECTION 2 (FOR COURSE MODIFICATIONS)**

Current catalog description (include designator, number, title, prerequisites, credit hours):

BIO555 Biological Invasions: Prerequisites - graduate standing and permission of the instructor. 4 cr.

Analysis of mechanisms behind species establishment in new areas, their impact on native ecology, theoretical bases of invasion-related phenomena, and economic and sociopolitical costs inflicted by exotic species. Note: BIO 455 and BIO 555 cannot both be taken for degree credit.

**Proposed** catalog description (include designator, number, title, prerequisites, credit hours):

BIO555 Biological Invasions: Prerequisites - graduate standing and permission of the instructor. 3 cr.

Analysis of mechanisms behind species establishment in new areas, their impact on native ecology, theoretical bases of invasion-related phenomena, and economic and sociopolitical costs inflicted by exotic species. Note: BIO 455 and BIO 555 cannot both be taken for degree credit.

Reason for course modification:

We are dropping the laboratory and reducing the course from 4 to 3 credits. The laboratory is not essential and is difficult for students to accommodate in their schedules. The course was originally taught without a laboratory. Addition of the laboratory resulted in a significant drop in enrollment of this otherwise popular course.

## **SECTION 3 FOR COURSE ELIMINATIONS**

Reason for Elimination

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