Course Change Request

Date Submitted: 12/19/19 11:24 am

Viewing: CONS 645 : Estimating Animal Abundance and Occupancy

Last approved: 12/03/19 4:42 am

Last edit: 12/19/19 11:24 am

Changes proposed by: choskins

Catalog Pages referencing this course	Conservation Studies (CONS) Interdisciplinary Programs and Courses Smithsonian-Mason School of Conservation

Select modification type:

Simple

Are you completing this form on someone else's behalf?

No

Effective Term: Spring 2020

Subject Code: CONS - Conservation Studies

Course Number: 645

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Estimating Animal Abundance and Occupancy

Banner Title: Animal Abundance and Occupancy

Will section titles vary by semester? No

Credits: 3

Schedule Type: Lecture

Hours of Lecture or Seminar per week: 3

In Workflow

1. **CONS Director**
2. **LA Associate Dean**
3. **SC Associate Dean**
4. UN Academic Affairs Dean
5. Registrar-Courses
6. Banner

Approval Path

1. 12/21/19 3:22 pm Cody Edwards (cedward7): Approved for CONS Director
2. 12/31/19 10:23 pm Jill Bowen (jbowen4): Approved for LA Associate Dean

History

1. Apr 9, 2019 by Carol Hoskins (choskins)
2. Dec 3, 2019 by Carol Hoskins (choskins)

Repeatable: May only be taken once for credit (NR)
GRADUATE ONLY

Default Grade Mode: Graduate Regular

Recommended Prerequisite(s):
College-level introductory statistics course.

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):
Include
Limited to students with a class of Senior Plus. (SCRRCLS_ONLY_SP)
Limited to students with a class of Non Degree (SCRRCLS_ONLY_ND)
Limited to students with a class of Advanced to Candidacy. (SCRRCLS_ONLY_DC)
Limited to students with a class of Graduate. (SCRRCLS_ONLY_GR)

Level(s):
Include
Enrollment limited to students with a level of Non-Degree (SCRRLVL_ONLY_ND)
Limited to undergraduate level students. (SCRRLVL_ONLY_UG)
Limited to graduate level students only. (SCRRLVL_ONLY_GR)

Degree(s):
Exclude
Non-Degree Undergraduate Degree students may not enroll. (SCRRDEG_NO_NDU)

School(s):

Catalog Description:

Provides a strong theoretical and analytical background to the current and accepted methods of estimating population parameters including abundance, occupancy, survival, and population change. The course teaches study design, implementation and analysis of data from distance sampling, mark-recapture, and occupancy modeling techniques, with all analysis performed and practiced in the program R. Time is provided throughout for work on a student's own data/project with help of instructors. Offered through the Smithsonian-Mason School of Conservation in cooperation with the Smithsonian Conservation Biology Institute on site in Front Royal, VA. Course Format: This course is taught as an intensive, mixed format (lectures, computer work) offering, in a residential full-day (8:30am-6pm), 2-week session. Students complete pre-course assignments, are graded in participation, computer exercises and a final exam. Night sessions may occur, there is a full day of class on Saturday. Sunday is free.

Justification:

Changed/Added information to Catalog Description.

Does this course cover material which crosses into another department? No

Learning Outcomes:

Attach Syllabus

Additional Attachments

Specialized Course Categories:

Additional Comments:

Reviewer Comments

Key: 2936