

UNIVERSITY FACULTY SENATE FORMS

Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. A checklist is available to assist in the preparation of a proposal. For more information, call the Faculty Senate Office at 831-2921.

Submitted by: Eric Benson **Phone Number:** (302) 831-0256
Department: Animal and Food Sciences **Email address:** ebenson@udel.edu

Date: November 14, 2014

Action: Revise Animal Sciences Minor
(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

Effective term: 15F
(use format 04F, 05W)

Current degree: N/A
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed change leads to the degree of: N/A
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed name: Animal Sciences Minor (no change)
Proposed new name for revised or new major / minor / concentration / academic unit
(if applicable)

Revising or Deleting:

Undergraduate major / Concentration: N/A
(Example: Applied Music – Instrumental degree BMAS)

Undergraduate minor: Animal Sciences
(Example: African Studies, Business Administration, English, Leadership, etc.)

Graduate Program Policy statement change: N/A
(**Must attach** your Graduate Program Policy Statement)

Graduate Program of Study: N/A
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration: N/A

Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.

List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?
(Be aware that approval of the curriculum is dependent upon these courses successfully passing through

the **Course Challenge** list. If there are no new courses enter “None”)

None.

The revision to the minor will not require any new courses. The revision to the minor is intended to move from an enumerated list of courses to an open ended set of course possibilities. This allows students to take advantage of experimental courses, study abroad offerings, and future changes in course offerings.

Supply support letter from the Library, Dean, and/or Department Chair if needed
(all new majors/minors will need a support letter from the appropriate administrator.)

Revision to existing minor.

Supply a resolution for all new majors/programs; name changes of colleges, departments, degrees; transfer of departments from one college to another; creation of new departments; requests for permanent status. See example of resolutions.

N/A

Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education: <http://www.ugs.udel.edu/gened/>

N/A

The revised minor facilitates many of the general education goals. The interaction between the revised minor and several of the general education goals are articulated below.

The courses in the revised minor are designed to challenge and engage student participation and critical thinking. Three available courses are geared towards development of written communication, while several other courses emphasize quantitative reasoning. The minor specifically supports general education goal 1 (Attain effective skills in (a) oral and (b) written communication, (c) quantitative reasoning, and (d) the use of information technology).

The revised minor allows students to choose from courses on animal behavior, animal welfare, and emergency animal management, all of which raise subject area specific ethical questions for discussion and interpretation. The minor specifically supports general education goal 4 (Engage questions of ethics and recognize responsibilities to self, community, and society at large).

The revised minor allows students to take one of several animal production courses including ANFS 404 (“Diary Production”), ANFS 417 (Beef Cattle and Sheep Production), ANFS 418 (Swine Production), ANFS 420 (Equine Reproductive Management), or ANFS 421/422 (Poultry Production), each of which incorporates significant out of class educational experiences. This change supports general education goal 7 (Develop the ability to integrate academic knowledge with experiences that extend the boundaries of the classroom.).

The revised minor allows students to participate in Study Abroad, including ANFS 419 (“Topics in International Animal Agriculture”) to be applied to the minor. The minor specifically supports general education goal 10 (Develop an international perspective in order to live and work effectively in an increasingly global society).

Identify other units affected by the proposed changes:

(Attach permission from the affected units. If no other unit is affected, enter “None”)

None

Describe the rationale for the proposed program change(s):

Both the Animal and Food Science major and Animal Science minor at the University of Delaware have been popular and successful both at the major and minor level. The current Animal Science minor was developed with a specified course list. Additional courses have been added since the minor was developed, but the additional courses were not added to the list. This has adversely impacted student enrollment in the additional courses since the courses did not count towards the minor. To address this, the course list is being changed to be more inclusive.

How will the currently enrolled students be served?

All currently enrolled students will be allowed to complete the minor. The courses listed in the current minor are normally regularly offered and this is expected to continue. We anticipate most students will voluntarily change to the revised minor since it will offer more flexibility and while allowing students to take courses previously required by the minor.

CANR Faculty Vote: (forthcoming)

Program Requirements:

Current

Minor in Animal Science

A minimum grade of C- is required for all ANFS credits used to satisfy the minor requirements

The minor in animal science requires 19 credits in animal science including: ANFS 101, ANFS 111, ANFS 140, ANFS 251, ~~one course from ANFS 404, ANFS 417, ANFS 418, ANFS 420 and ANFS 421; and one course from ANFS 332, ANFS 441, ANFS 442, ANFS 436 and ANFS 454.~~

Proposed

A minimum grade of C- is required for all ANFS credits used to satisfy the minor requirements.

MINOR: ANIMAL SCIENCE

MINOR REQUIREMENTS

ANFS 101 Animals, Science and Soc.3
ANFS 102 Food for Thought 3

3 or more additional ANFS courses at the 300 level or higher to achieve a minimum of 15 credits:

Restrictions:

1. ANFS 399 Teaching Assistant and ANFS 464 Animal and Food Science Experience cannot be counted towards the minor.
2. No more than 3 credits of ANFS 366 Independent Study or ANFS 466 Independent Study will be counted towards the minor.
3. The minor is not available to students majoring in Pre-Veterinary Medicine and Animal Biosciences (PVAB) or Animal and Food Sciences (ANFS).

Catalog View

Current

A minimum grade of C- is required for all ANFS credits used to satisfy the minor requirements

MINOR REQUIREMENTS

ANFS 101 Animals, Science and Soc.3

ANFS 111 Animal Food Sci. Lab 1

ANFS 140 Funct. Anatomy 4

ANFS 251 Animal Nutrition 4

One course from:

ANFS 404 Dairy Production 4

ANFS 417 Beef Cattle and Sheep 4

ANFS 418 Swine Production 4

ANFS 420 Equine Rep. Mgmt. 4

ANFS 421 Poultry Production 3

One course from:

ANFS 332 Animal Diseases 3

ANFS 441 Rep. Physiology Dom. 3

ANFS 436 Immunology Dom. 3

ANFS 454 Ruminant Nutrit. 3

Proposed

A minimum grade of C- is required for all ANFS credits used to satisfy the minor requirements.

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ROUTING AND AUTHORIZATION: (Please do not remove supporting documentation.)

Department Chairperson Lisa Giffords Date 12/9/2014

Dean of College _____ Date 12/18/14

Chairperson, College Curriculum Committee Carm C. Balasew Date 12/12/2014

Chairperson, Senate Com. on UG or GR Studies _____ Date _____

Chairperson, Senate Coordinating Com. _____ Date _____

Secretary, Faculty Senate _____ Date _____

Date of Senate Resolution _____ Date to be Effective _____

Registrar _____ Program Code _____ Date _____

Vice Provost for Academic Affairs & International Programs _____ Date _____

Provost _____ Date _____

Board of Trustee Notification _____ Date _____