



Proposal to the Senate Educational Policy Committee

PROPOSAL TITLE: Revision of the Minor in Horticulture in the Department of Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences.

SPONSOR: Frederic L. Kolb, Cavanah Professor of Plant Breeding and Genetics, Crop Sciences Teaching Coordinator, 333-9485, f-kolb@illinois.edu

COLLEGE CONTACT: Laurie Kramer, Associate Dean, Academic Programs, 333-3380, lfkramer@illinois.edu

BRIEF DESCRIPTION: The Department of Crop Sciences proposes the following changes to the Horticulture minor.

- Removal of 6 HORT classes that have been discontinued and are no longer offered
 - These courses were removed due to low enrollment (6/10 violations), faculty and Teaching Associate retirements, and the new direction of the Horticulture curriculum
- Addition of 5 new HORT courses into the list of courses to course choices
 - HORT 434 and HORT 475 are in the approval process
 - HORT 360 has been approved
 - HORT 435 and HORT 482 are existing courses which offer advanced level understanding of production in urban agriculture and plant propagation and research respectively
- Addition of HORT 341 as an option to taking HORT 240
 - There is a time conflict that many Landscape Architecture students have with HORT 240, making it difficult to complete the Horticulture minor
 - Many of the students enrolled in the Horticulture minor are in Landscape Architecture
 - Both courses will provide knowledge of plant production. HORT 240 focuses on propagation methods while HORT 341 broadly covers greenhouse production, which includes propagation.
- Addition of HORT 240 to the list of course choices
 - For students interested in taking both HORT 341 and HORT 240 to obtain a background in plant production

JUSTIFICATION: The Department of Crop Sciences proposes changes to the Horticulture minor. The proposed changes are in response to low enrollment in a number of courses which have made the teaching of the courses sporadic and the student desire to take them very low. To go along with the demand being low, several faculty and Teaching Associates have retired making it difficult to continue to offer courses in specialized areas once they are gone.

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The industry itself has shifted from ornamental horticulture toward urban agriculture, and to better fit the needs of our students, new courses have been developed to provide a solid background in the urban agriculture area. The additions and removals of courses in the horticulture minor are to give the students the best instruction to allow them to go into their field of study with the best horticulture education possible.

BUDGETARY AND STAFF IMPLICATIONS: *(Please respond to each of the following questions. Place your response right after each item. See [Appendix A](#) for questions required of new degree program proposals as well additional notes regarding budgetary and staff implications.)*

Additional staff and dollars needed

The proposed revisions do not create a need for additional resources; however, in order for the department to maintain this program into the future there is a need to commit to current staffing levels. It is understood within the department that funds will be required to continue to pay existing Academic Professionals who are involved in providing instruction in several courses both new and already established. As senior faculty members who are heavily involved in teaching classes in this curriculum retire over the next few years, strategic decisions will need to be made about hiring new faculty members or Academic Professionals to assume these teaching responsibilities or shift to focus on newer areas of horticulture.

Internal reallocations (e.g., change in class size, teaching loads, student-faculty ratio, etc.)

Our intent is that the revision of this minor will enhance and update the program and that enrollment in the horticulture courses will increase as a result. Currently, a number of the horticulture classes have small enrollments so additional students populating these classes will be beneficial. There is capacity available, and the faculty members in the horticulture area are willing to develop revised classes and teach classes with larger enrollments. It is not anticipated that an additional 5-15 students per year in this minor will exceed the course enrollment capacity of these horticulture classes.

Effect on course enrollment in other units and explanations of discussions with representatives of those departments

While we hope to attract more students to the horticulture minor, a realistic increase is probably 50 % or 8 students. It is not anticipated that an additional 5-15 students per year in any of the horticulture classes will impact course enrollments in classes outside of the Crop Sciences Department. No changes in class enrollments outside of horticulture are anticipated as a result of the changes to the minor.

Impact on the University Library

No impact is expected. Please see letter from the ACES library.

Impact on computer use, laboratory use, equipment, etc.

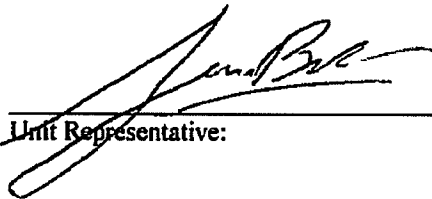
No impact is expected on computer labs. Some labs within horticulture may have larger enrollments, but, as indicated, there is capacity available at this time. If necessary, additional lab sections will be added to courses as required to meet demand.

DESIRED EFFECTIVE DATE: We would like to implement these revisions as soon as possible, but we understand that they must be approved at a number of levels. Ideally, we would like to have the effective date be Fall semester of 2015. Ideally, approvals will be completed in time to admit students into the revised concentrations in Fall 2015.

STATEMENT FOR PROGRAMS OF STUDY CATALOG: See attached appendix.

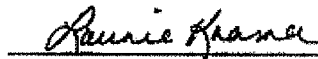
CLEARANCES: (Clearances should include signatures and dates of approval. These signatures must appear on a separate sheet. If multiple departments or colleges are sponsoring the proposal, please add the appropriate signature lines below.)

Signatures:



Unit Representative:

2-12-2015
Date:



College Representative:

2-13-15
Date:

Graduate College Representative:

Date:

Council on Teacher Education Representative:

Date:

**Appendix A:
(Budgetary and Staff Implications)
Appendix B:**

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

University Library
Office of Dean of Libraries
and University Librarian
230 Main Library, MC-522
1408 West Gregory Drive
Urbana, IL 61801



December 19, 2014

Frederic L. Kolb
Cavanah Professor of Plant Breeding and Genetics
Crop Sciences Teaching Coordinator
AE-120 Turner Hall
1102 S Goodwin
M/C 046

Dear Dr. Kolb:

Thank you for giving the University Library the opportunity to review the Department of Crop Science's proposal to the Senate Committee on Educational Policy. Per the proposal sent to the University Library, the department is recommending the elimination of the Horticulture major and the establishment of a concentration in Horticultural Food Systems leading to the Bachelor of Science. Additionally, the proposal recommends the revision of two concentrations (Crop Agribusiness and Plant Biotechnology and Molecular Biology) and the revision of the Horticulture minor in the Department of Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences.

Based upon a review of the draft proposal that we received from you on December 18, 2014, it is our belief that there will be no significant impact on our operations or collections.

If additional services or materials are required as the program develops, we will be happy to discuss those needs as they emerge.

Sincerely,

John P. Wilkin
Juanita J. and Robert E. Simpson
Dean of Libraries and University Librarian

c: Thomas Teper
Robert "Pat" Allen

From: Allen, Robert Stanton
Sent: Tuesday, December 16, 2014 4:27 PM
To: Kolb, Frederic L; Teper, Thomas H
Cc: Ward, Megan Marie
Subject: RE: Crop Sciences curriculum changes

Hi Fred.

I have looked over the proposed changes and no impact on the ACES Library is anticipated as a result of the proposed changes to the curriculum in the Department of Crop Sciences.

I am also copying our Associate Dean of Libraries & Associate University Librarian for Collections and Technical Services, Tom Teper, as he typically deals with these changes eventually.

Robert S. (Pat) Allen
Associate Professor of Library Administration Agricultural, Consumer, and Environmental
Sciences (ACES) Librarian

Minor in Horticulture- Current

The Horticulture minor is designed for students who desire a significant background in horticulture to support study and practice in their major field. Selection of additional courses beyond the core will depend on the student's major and interests. Enrollment in the Horticulture major is not available to students enrolled in the Horticulture major. Courses in the minor cannot be taken Credit/No Credit. At least 6 hours of the minor must be advanced (300 or 400) level courses that are distinct from classes meeting requirements in the student's major.

Horticulture Minor Required Courses

Select one of the following:	3
HORT 100 Introduction to Horticulture	
HORT 105 Vegetable Gardening	
HORT 106 Home Horticulture	
HORT 240 Plant Propagation	3
Select four or five of the following:	12-15
HORT 215 Grasses in Managed Settings	
HORT 246 Floral Design I	
HORT 255 Multifunctional Landscapes	
HORT 261 Biotechnology in Agriculture	
HORT 301 Woody Landscape Plants I	
HORT 316 Landscaping with Native Plants	
HORT 341 Greenhouse Mgmt and Production	

Minor in Horticulture- Proposed

The Horticulture minor is designed for students who desire a significant background in horticulture to support study and practice in their major field. Selection of additional courses beyond the core will depend on the student's major and interests. Enrollment in the Horticulture major is not available to students enrolled in the Horticulture major. Courses in the minor cannot be taken Credit/No Credit. At least 6 hours of the minor must be advanced (300 or 400) level courses that are distinct from classes meeting requirements in the student's major.

Horticulture Minor Required Courses

Select one of the following:	3
HORT 100 Introduction to Horticulture	
HORT 105 Vegetable Gardening	
HORT 106 Home Horticulture	
HORT 240 Plant Propagation Or HORT 341 Greenhouse Mgmt and Production	3 or 4
Select four or five of the following:	12-15
HORT 240 Plant Propagation (If not used above)	
HORT 261 Biotechnology in Agriculture	
HORT 301 Woody Landscape Plants I	
HORT 341 Greenhouse Mgmt and Production (If not used above)	

HORT 343	Herbaceous Plants I
HORT 344	Herbaceous Plants II
HORT 355	Landscape Graphics & Design
HORT 361	Small Fruits and Viticulture
HORT 362	Tree Fruit Production
HORT 363	Postharvest Handling Hort Crop
HORT 421	Horticultural Physiology
HORT 441	Floral & Nursery Crops Productn
HORT 442	Plant Nutrition
Total Hours	18-21

HORT 343	Herbaceous Plants I
HORT 344	Herbaceous Plants II
HORT 360	Vegetable Crop Production (New Course)
HORT 361	Small Fruits and Viticulture
HORT 362	Tree Fruit Production
HORT 363	Postharvest Handling Hort Crop
HORT 421	Horticultural Physiology
HORT 434	Designing Urban Agriculture (New Course)
HORT 435	Urban Food Production
HORT 442	Plant Nutrition
HORT 475	Permaculture & Agroforestry (New Course)
HORT 482	Plant Tissue Culture
Total Hours	18-21

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

EP.15.53

Office of the Provost and Vice Chancellor
for Academic Affairs

Swanlund Administration Building
601 East John Street
Champaign, IL 61820



February 19, 2015

Gay Miller, Chair
Senate Committee on Educational Policy
Office of the Senate
228 English Building, MC-461

Dear Professor Miller:

Enclosed is a copy of a proposal from the College of Agricultural, Consumer and Environmental Sciences to revise the undergraduate minor in Horticulture.

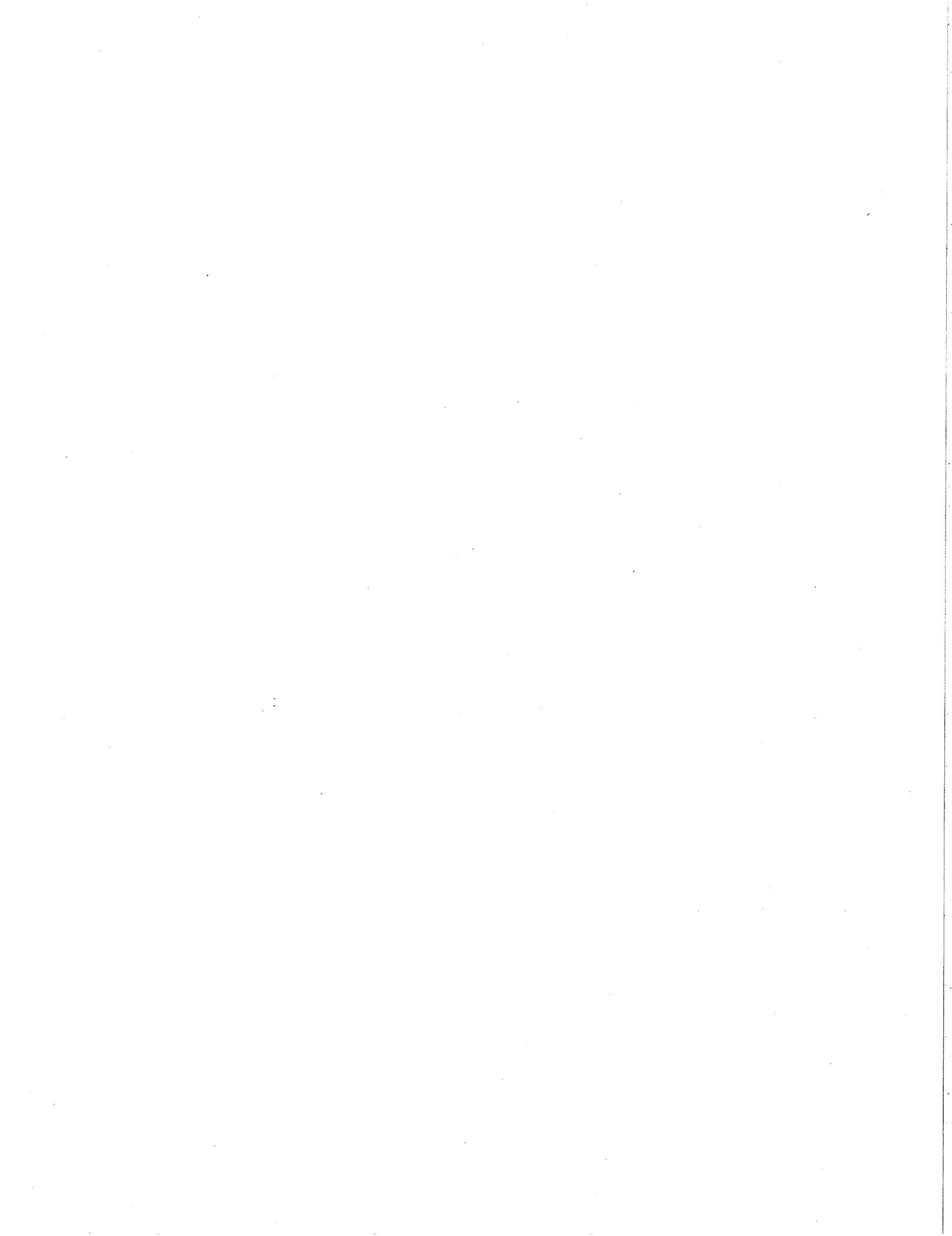
Sincerely,

A handwritten signature in cursive script, reading 'Kathryn A. Martensen'.

Kathryn A. Martensen
Assistant Provost

Enclosures

c: L. Kramer
S. Lee
M. Lowry
R. Chappell
F. Kolb
M. Ward
A. Edwards



UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

College of Agricultural, Consumer
and Environmental Sciences

Academic Programs
128 Mumford Hall, MC-710
1301 West Gregory Drive
Urbana, IL 61801



February 17, 2015

Kathy Martensen, Assistant Provost
Office of the Provost, Second Floor
Swanlund Administration Building
Campus MC-304

Dear Kathy:

I am writing to request campus-level approval for revisions to the Minor in Horticulture, which is offered through our Department of Crop Sciences. The revisions have been reviewed and approved by the College of ACES' Courses and Curricula Committee. Details of the revisions are documented in the attached proposal.

Thank you for your consideration of this request. I look forward to receiving your reply.

Sincerely,

A handwritten signature in cursive script that reads "Laurie Kramer".

Laurie Kramer
Professor and Associate Dean
College of ACES

LFK/rhc

cc: CPSC C&C File

**Senate Educational Policy Committee
Proposal Check Sheet**

PROPOSAL TITLE: Revision of the Minor in Horticulture in the Department of Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences.

PROPOSAL TYPE (Please select all that apply below):

A. **Program and degree proposals**

1. This proposal is for a graduate program or degree

Yes No

Degree proposal (e.g. B.S., M.A. or Ph.D.)

New degree — please name the new degree: _____

Revision of an existing degree — please name the existing degree to be revised: _____

Major proposal (disciplinary focus, e.g., Mathematics)

New major — please name the new major: _____

Revision of an existing major — please name the existing major to be revised: _____

Concentration proposal (e.g. Financial Planning)

New concentration — please name the new concentration: _____

Revision of an existing concentration — please name the existing concentration to be revised: _____

Minor proposal (e.g. Cinema Studies)

New minor — please name the new minor: _____

Revision of an existing minor — please name the existing minor to be revised: Horticulture

Proposal for renaming an existing degree, major, concentration, or minor

degree major concentration minor

Please provide the current name: _____

Please provide the proposed new name: _____

Proposal for terminating an existing degree, major, concentration, or minor

Please name the existing degree, major, concentration, or minor: _____

Proposal for a multi-institutional degree between Illinois (UIUC) and a foreign institution

Please name the existing Illinois degree or program: _____

Please name the partnering institution: _____

Proposal for renaming existing academic units (college, school, department, or program)

Please provide the unit's current name: _____

Please provide the unit's proposed new name: _____

Proposal for reorganizing existing units (colleges, schools, departments, or programs)

Change in status of an existing and approved unit (e.g. change from a program to department) — please indicate current unit name including status: _____

Transfer an existing unit

Please provide the current unit's name and home: _____

Please provide the new home for the unit: _____

Merge two or more existing units (e.g., merge department A with department B)

Please provide the name and college of unit one to be merged: _____

Please provide the name and college of unit two to be merged: _____

Terminate an existing unit — please provide the current unit's name and status: _____

Other educational policy proposals (e.g., academic calendar, grading policies, etc.)

Please indicate the nature of the proposal: _____