UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN SENATE
COMMITTEE ON EDUCATIONAL POLICY
(Final; Information)

EP.25.077 Report of Administrative Approvals Through March 31, 2025

In accordance with Part B.9.a of the Senate *Bylaws*, "Senate committees are authorized to act for and in the name of the Senate on minor matters. Such actions shall be reported promptly to the Senate…" Below is a listing of items categorized as administrative approvals and approved by the Senate Committee on Educational Policy in the name of the Senate on the dates indicated. For each program listing, there is no change to the total hours required. Additional information for each approval is attached.

Section 1. This Section Approved by EP on March 24, 2025

A. Graduate Programs

1. **Revise the Master of Science in Weather and Climate Risk and Analytics in the College of Liberal Arts and Sciences and the Graduate College (key 979) –** adds GGIS 407 to the POS table and removes the superscript next to the Other Requirements at the bottom of the POS table.
2. **Revise the Graduate Minor in Information Technology & Control in the Gies College of Business and the Graduate College (key 54)** – removes BADM 559 and BADM 562; adds BADM 525, BADM 558, and BADM 589; and changes the overall requirements from 2 required courses (8 hours) and 'select one from the following list' (4 hours) to 'select 12 hours from the following list' (12 hours).
3. **Revise the Concentration in Information Technology & Control in the Gies College of Business and the Graduate College (key 529)** – removes BADM 559; adds BADM 554; and changes the overall requirements from 1 required course (4 hours) and 'select from the following' (8 hours) to 'select 12 hours from the list below' (12 hours).
4. **Revise the Joint Program in the Bachelor of Science in Crop Sciences and the Master of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences and the Graduate College (key 866)** - adds ALEC 115 as an option to complete the communication option; removes the footnote for ACE 100 or ECON 102; modifies the formatting of the program of study (POS) and additional text (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template; removes RHET 105 from the program of study table specifically; adds CMN 111 and CMN 112 as options; gives titles (e.g., Calculus Option) to "Select ____ of the following:" requirement options; adjusts hours on electives and gen eds students must take on sample sequences; updates section titles (e.g., Concentration Required --> Agroecology Core and Crop Sciences Core --> Major Core) and adds others (e.g., Department Foundation and Major Core); removes hours included on some of the old section titles; moves CHEM 102 and CHEM 103 into the Department Foundation section; pulls the old Crop Sciences Core section from the concentrations, renames it, and adds it as the Major Core to the POS table; adds a concentration core table that includes each concentration and their links to their Academic Catalog pages; and adds text relating to the total required hours.

5. **Revise the Concentration in Studio Art in the Master of Fine Arts in Art & Design in the College of Fine and Applied Arts and the Graduate College (key 1244) –** revises the number of electives hours from 24 to 4 minimum and revises the total concentration hours required from 87 to 67.
6. **Revise the Doctor of Philosophy in Music Education in the College of Fine and Applied Arts and the Graduate College (key 397)** – rearranges course layout in the curricular table; moves MUS 534 from the research methods note to the program requirements; eliminates three deactivated courses from the list of electives: MUS 531, MUS 536 and MUS 542; deletes two course options in the Educational Policy and Research Methodology areas: MUSIC 431, Piano Pedagogy I and MUSIC 539, Music in Higher Education; removes language about local students for MUS 544; and updates EPS reference to EPOL for reference to updated department rubric.

B. <u>Undergraduate Programs</u>

1. **Revise the Bachelor of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences (key 484) –** adds ALEC 115 as an option to complete the communication option; removes the footnote for ACE 100 or ECON 102; modifies the formatting of the program of study (POS) and additional text (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template; removes RHET 105 from the program of study table specifically; adds CMN 111 and CMN 112 as options; gives titles (e.g., Calculus Option) to "Select ____ of the following:" requirement options; adjusts hours on electives and gen eds students must take on sample sequences; updates section titles (e.g., Concentration Required --> Agroecology Core and Crop Sciences Core --> Major Core) and adds others (e.g., Department Foundation and Major Core); removes hours included on some of the old section titles; moves CHEM 102 and CHEM 103 into the Department Foundation section; pulls the old Crop Sciences Core section from the concentrations, renames it, and adds it as the Major Core to the POS table; adds a concentration core table that includes each concentration and their links to their Academic Catalog pages; and adds "ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence." under the Graduation Requirements.

2. **Revise the Concentration in Agroecology in the Bachelor of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences (key 639) -** adds ALEC 115 as an option to complete the communication option; removes the footnote for ACE 100 or ECON 102; modifies the formatting of the program of study (POS) and additional text (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template; removes RHET 105 from the program of study table specifically; adds CMN 111 and CMN 112 as options; gives titles (e.g., Calculus Option) to "Select ____ of the following:" requirement options; adjusts hours on electives and gen eds students must take on sample sequences; updates section titles (e.g., Concentration Required --> Agroecology Core and Crop Sciences Core --> Major Core) and adds others (e.g., Department Foundation and Major Core); removes hours included on some of the old section titles; moves CHEM 102 and CHEM 103 into the Department Foundation section; pulls the old Crop Sciences Core section from the concentrations, renames it, and adds it as the Major Core to the POS table; and moves "ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence." under the Graduation Requirements.
3. **Revise the Concentration in Crop Agribusiness in the Bachelor of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences (key 762) -** adds ALEC 115 as an option to complete the communication option; removes the footnote for ACE 100 or ECON 102; modifies the formatting of the program of study (POS) and additional text (e.g., graduation requirements, university requirements, and

general education requirements) to adhere to the campus General Education Template; removes RHET 105 from the program of study table specifically; adds CMN 111 and CMN 112 as options; gives titles (e.g., Calculus Option) to "Select ____ of the following:" requirement options; adjusts hours on electives and gen eds students must take on sample sequences; updates section titles (e.g., Concentration Required --> Agroecology Core and Crop Sciences Core --> Major Core) and adds others (e.g., Department Foundation and Major Core); removes hours included on some of the old section titles; moves CHEM 102 and CHEM 103 into the Department Foundation section; pulls the old Crop Sciences Core section from the concentrations, renames it, and adds it as the Major Core to the POS table; and moves "ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence." under the Graduation Requirements.

4. **Revise the Concentration in Horticultural Food Systems in the Bachelor of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences (key 536) -** adds ALEC 115 as an option to complete the communication option; removes the footnote for ACE 100 or ECON 102; modifies the formatting of the program of study (POS) and additional text (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template; removes RHET 105 from the program of study table specifically; adds CMN 111 and CMN 112 as options; gives titles (e.g., Calculus Option) to "Select ____ of the following:" requirement options; adjusts hours on electives and gen eds students must take on sample sequences; updates section titles (e.g., Concentration Required --> Agroecology Core and Crop Sciences Core --> Major Core) and adds others (e.g., Department Foundation and Major Core); removes hours included on some of the old section titles; moves CHEM 102 and CHEM 103 into the Department Foundation section; pulls the old Crop Sciences Core section from the concentrations, renames it, and adds it as the Major Core to the POS table; removes the "Total Required Concentration Hours:" and "Choose from any CPSC, HORT or PLPA courses" lines from the bottom of the POS table; and moves "ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence." under the Graduation Requirements.
5. **Revise the Bachelor of Science in Agronomy in the College of Agricultural, Consumer and Environmental Sciences (key 960) –** adds ALEC 115 as an option to complete the communication option; modifies the formatting of the program of study (POS) and additional text (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template; removes RHET 105 from the program of study table specifically; gives titles (e.g., Communication Option) to "Select ____ of the following:" requirement options; adjusts hours on electives and gen eds students must take on sample sequence; removes hours included on some of the old section titles; adds ECON 102 as an alternative to ACE 100; and increases the minimum number of hours for the internship/research/thesis option to be 3 hours instead of 2-3 hours.
6. **Revise the Bachelor of Science in Plant Biotechnology in the College of Agricultural, Consumer and Environmental Sciences (key 896) –** adds ALEC 115 as an option to complete the communication option; modifies the formatting of the program of study (POS) and additional text (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template; removes RHET 105 from the program of study table specifically; gives titles (e.g., Communication Option) to "Select ____ of the following:" requirement options; adjusts hours on electives and gen eds students must take on sample sequence; removes the hours included on some of the old section titles; removes CPSC 226, PLPA 204 and CPSC 270; adds CPSC 304 and CPSC 370 as options in the Plant Protection and Data Analysis section; adds ECON 102 as an alternative to ACE 100; and increases the minimum number of hours for the internship/research/thesis option to be 3 hours instead of 2-3 hours.
7. **Revise the ACES Undeclared in the College of Agricultural, Consumer and Environmental Sciences (key 1206)** – reformats the program of study (POS) table , now including a General Education table and a

program requirements table; edits the overview page text pulled into the Academic Catalog prompt in CIM-P to better reflect the purpose of ACES Undeclared and the options within the curriculum while a student makes progress towards their intended major; adds CMN 111 and CMN 112 to the POS table as options for the Composition I requirement, adds ALEC 115 as an option to complete the communication option, and removes RHET 105 from specifically being noted in the program of study.

8. **Revise the Bachelor of Science in Computer Science plus Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences (key 79) -** adds ALEC 115 as an option to complete the communication option; modifies the formatting of the program of study (POS) and additional text (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template; removes RHET 105 from the program of study table specifically; gives titles (e.g., Communication Option) to "Select ____ of the following:" requirement options; adjusts hours on electives and gen eds students must take on sample sequence; removes the hours included on some of the old section titles; removes CPSC 441 and thus a 'Select one of the following' list headers.
9. **Revise the Bachelor of Science in Industrial Design in the College of Fine and Applied Arts (key 141)** – changes the art history 200-400 level requirement language from 'advanced' to 'additional'; responds to accreditation question in CIM-P form; and removes ARTH 211 from Gen Ed table.

Section 2. This Section Approved by EP on March 31, 2025

A. Graduate Programs

1. **Revise the Joint Program in the Bachelor of Science in Computer Science plus Crop Sciences and the Master of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences and the Graduate College (key 867) –** adds ALEC 115 as an option to complete the communication option; modifies the formatting of the program of study and additional text (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template; removes RHET 105 from specifically being noted in the program of study; gives titles (e.g., Communication Option) to "Select ____ of the following:" requirement options; adjusts hours on electives and gen eds students must take on sample sequence; removes the hours included on some of the old section titles; removes CPSC 441 and the 'Select one of the following' list header; adds and updates text relating to the total required hours; corrects delivery method to on campus only.

B. Undergraduate Programs

1. **Revise the Bachelor of Science in Computer Science plus Animal Sciences in the College of Agricultural, Consumer and Environmental Sciences (key 880) –** adds ALEC 115 as an option to complete the communication option; modifies the formatting of the program of study (POS) and additional text (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template; removes RHET 105 from specifically being noted in the program of study; gives titles (e.g., Communication Option) to "Select ____ of the following:" requirement options; adjusts hours on electives and gen eds students must take on sample sequence; adds ANSC 464 to the list of options of basic course electives and ANSC 470 to the list of option of applied course electives; removes ANSC 219, 405, 437 from the applied sciences courses and ANSC 331, 447, 448, 453, 545, 554, 561 from the basic sciences courses, adds ANSC 454 and 480 to Basic and ANSC 460, 500, 501, 502, & 580 to applied;

updates curriculum to CS renumbering of CS 240 to CS 340 and CS 241 to CS 341; adds total number of hours table at the bottom of the POS; and removes the "Mathematical Foundations (fulfills Quantitative Reasoning I & II)" header.

2. **Revise the Bachelor of Fine Arts in Art Education in the College of Fine and Applied Arts (key 137**) – changes art history 200-400 level requirement language to remove 'advanced'; and responds to accreditation in CIM-P form.

Program Change Request

Date Submitted: 02/19/25 4:18 pm

Viewing: 1PKS6046MSU : Weather and Climate Risk and Analytics, MS

Last approved: 11/15/23 5:10 pm

Last edit: 03/26/25 3:15 pm

Changes proposed by: Stephen Nesbitt

Catalog Pages Using this Program	Weather and Climate Risk and Analytics, MS

Proposal Type:
Major (ex. Special Education)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. 1253-ATMOS Head
3. SESE Head
4. KV Dean
5. University Librarian
6. Grad_College
7. COTE Programs
8. Provost
9. Senate EPC
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. HLC
15. DOE
16. DMI

Approval Path

1. 02/20/25 3:54 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/20/25 4:33 pm Stephen Nesbitt (snesbitt): Approved for 1253-ATMOS Head
3. 02/20/25 4:34 pm Jonathan Tomkin (tomkin): Approved for SESE Head
4. 02/28/25 11:10 am Melissa Reedy (murray): Approved for KV Dean

5. 02/28/25 11:28 am Tom Teper (tteper): Approved for University Librarian
6. 03/05/25 2:38 pm Allison McKinney (agrindly): Approved for Grad_College
7. 03/05/25 4:32 pm Suzanne Lee (suzannel): Approved for COTE Programs
8. 03/12/25 3:23 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Aug 30, 2021 by Beth McKown (bmckown1)
2. Nov 15, 2023 by Kathy Martensen (kmartens)

Administration Details

Official Program Name	Weather and Climate Risk and Analytics, MS	
Diploma Title		
Sponsor College	Liberal Arts & Sciences	
Sponsor Department	Dept Climate Meteorology & Sci	
Sponsor Name	Stephen W. Nesbitt ~~Robert J.Trapp~~	
Sponsor Email	snesbitt@illinois.edu ~~jtrapp@illinois.edu~~	
College Contact	Stephen R. Downie ~~Kelly Ritter~~	College Contact

Email	sdownie@illinois.edu ~~ritterk@illinois.edu~~

College Budget Officer

College Budget Officer Email

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Spring 2025
Effective Catalog	2024-2025

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Master of Science in Weather and Climate Risk and Analytics in the College of Liberal Arts and Sciences and the Graduate College

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. Added GGIS 407 to the Program of Study.
2. Removed the superscript "1" text next to Other Requirements at the bottom of the POS table.

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. When GEOG went through a name change to GGIS a red box error occurred for GEOG 407, as the course was no longer found, and was therefore removed from our POS. The new name of the same course, GGIS 407, is the same course as GEOG 407 and has always been used by this program. No letter of support has been provided because our approval to use this course has never changed.

2. A superscript 1 from a previous footnote at the bottom of the POS table was not removed previously, and has now been corrected.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

No

Program Features

Academic Level	Graduate
Does this major have transcripted concentrations?	No

What is the longest/maximum time to completion of this program?

2 years

What are the minimum Total Credit Hours required for this program?

32

What is the required GPA? 3.0

CIP Code 400401 - Atmospheric Sciences and Meteorology, General.

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Revised programs

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Students in the Master of Science degree program will focus specifically on Weather and Climate Risk and Analytics. This program is intended as a terminal degree for students already engaged in preparing for professional work in atmospheric science and related fields. It is delivered online and is designed to be completed within two years.

Is the overview text above correct?

Yes

Statement for Programs of Study Catalog

ATMS 517	Data Science for the Geosciences	4
ATMS 520	Weather and Climate Phenomena and Hazards	4
ATMS 521	Climate Analysis, Variability, and Prediction	4
ATMS 523	Weather and Climate Data Analytics	4
ATMS 526	Risk Analysis in the Geosciences	4

GGIS 407	Foundations of CyberGIS & Geospatial Data Science	4
ATMS 596	Non-Thesis Research (8 hours max applied toward degree)	8
Total Hours		**32**

Other Requirements

Other requirements may overlap

Minimum GPA 3.0

~~Other Requirements 1~~

Corresponding Degree MS Master of Science

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

Yes

Student Learning Outcomes

The outcomes and assessment procedures will essentially follow those already in place within the Department. Specifically, the learning outcomes for the proposed online M.S. degree are:

1. All students will have a fundamental understanding of the core theoretical underpinnings of atmospheric sciences
2. All students will have the ability to formulate a research problem, and develop an approach towards solving that problem.
3. All students will have ethically responsible and effective communication skills, written and verbal, at a professional scientific level.
4. All students will have knowledge of the frontiers in atmospheric science research.

The Department performs formal annual evaluations of every graduate student to determine their progress in achieving the learning outcomes, as well as to identify any roadblocks that may be inhibiting the student from progress toward the degree. This evaluation includes a self-evaluation by the student, a written review of the self-evaluation and a separate evaluation by the student's advisor, and a final evaluation of the review process by the Department Head. In the case where deficiencies have been identified, the Department Head in consultation with the student advisor recommends approaches to address the deficiencies.

The Department does an annual anonymous survey of current graduate student outcomes. The survey was developed in response to the Graduate College's Assessment of the Illinois Doctoral Experience Report in 2015. The survey asks questions such as "Has the Department provided me with an excellent educational experience while in graduate school?", "Has the Department prepared me for a career in my chosen discipline (whether in Atmospheric Sciences or another field)?", "Does the Department have an adequate range of courses at the graduate level?". In total there are 28 questions. The survey also requests, but does not require, that the students self- identify gender and if they are domestic or international students. The survey does not ask if they are from an underrepresented minority since there are currently a sufficiently small number that their survey could be used to identify them. The results of the survey are presented by the Graduate Affairs committee to the faculty, and later by the Graduate Affairs Committee Chair to all the graduate students. The committee chair gathers all comments and suggestions made by the students and faculty about the survey outcome and take actions to improve the graduate program.

Finally, the Department continually gathers information about our alumni and their careers beyond our graduate program. This is done through direct contact, and/or searches through LinkedIn and professional directories such as the American Meteorological Society's directory. The Department updates the database every year to keep track of student outcomes.

Did you make any revisions to the learning outcomes you copied and pasted from the current academic catalog?

No

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program
Description and
Requirements
Attach Documents

Delivery Method

This program is
available:

Online Only - The entire program is delivered online, students are not required to come to campus.

Describe the use of this delivery method:

Courses will be offered entirely online; this is a fully online degree program.

Admission Requirements

Desired Effective
Admissions Term

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Students applying to the online M.S. program will need to fulfill the same admission requirements as those applying to the current on-campus M.S. in Atmospheric Sciences, except completion of the Graduate Record Examination. As listed on our graduate admissions page, the current requirements include a minimum grade point average of 3.0 (on a 4.0 scale), and submission of three letters of reference. Applicants whose first language is not English are required to take the Test of English as a Foreign Language (TOEFL). Details regarding this requirement can be found at the Graduate College TOEFL web site.

Although not required, we anticipate that students with a bachelor's degree in atmospheric science and oceanography, or with degrees/backgrounds in physics, mathematics, computer science, geography, engineering, and related fields, will be most interested in this program.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

No impact

Estimated Annual Number of Degrees Awarded

Year One Estimate	0	5th Year Estimate (or when fully implemented)
15		

What is the matriculation term for this program?

Fall

Budget

Are there budgetary implications for this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

Yes

Please explain/ describe:	The additional instructional, support, and administrative effort will be provided through the IFG grant, and include: • One full-time, specialized faculty member in Atmospheric Sciences. This specialized faculty member will be dedicated to supporting online instruction. This person will also be responsible for general academic advising of new students. Teaching Assistant Professor Alicia Klees will occupy this position, beginning August 16, 2020. • One School (SESE)-level program coordinator, covered 33% by Atmospheric Sciences, who will have responsibility to manage advertisement of this and the other new online programs in the School, as well as recruiting, applications and admission, course registration, grades, and related duties. • Summer and/or overload salary for current faculty to develop and offer online courses. • Additional TA support, if needed to expand courses. • Additional IT support effort at the School level to help administer the online courses. These activities are fully funded via the IFG grant for the first three years of the program, and are fully costed as part of the self-sustaining model, thereafter.
Additional Budget Information	Degree-program start-up costs are funded through the IFG grant, and the long-term additional costs related to the online option will be covered sustainably by tuition return after startup (with net positive revenue for the Department and revenue for the College of LAS). The Resources section below contains details regarding IFG funding and sustainability of finances. Additional costs are budgeted to: • Develop and deliver new online courses • Advise M.S. students in the new program • Handle administrative tasks related to admissions, advertising, and other general aspects All ATMS courses for the online program will be taught either by the new IFG-supported Teaching Assistant Professor Alicia Klees or by existing faculty members including Profs. Ryan Sriver, Jeff Trapp, and Brian Jewett. The majority of the instruction will thus be on-load, although there will also be occasional service-in-excess instruction, primarily in the summer sessions. All five required ATMS courses (see below) have been approved, and the more specific online content and presentation of each will be developed over the next two years, to be ready for Fall 2022, by ATMS faculty under IFG funding. One required GEOG course, GEOG 407 (Foundations of CyberGIS and Geospatial Data Science), is an online course being developed by GEOG under IFG funding. It is designed to be a shared course across the three departments in SESE, and will be taught by a GEOG faculty member. ATMS 517 (Data Science for the Geosciences) is also designed to be a shared course across SESE. Additional IT support, advertising costs, and miscellaneous costs are also budgeted in the IFG grant, at $35,000 per year. Although the program is initially supported by IFG grant funds, it is planned to be self-supporting, with AY 20/21 tuition rate proposed at the base + differential online rate, currently

$712/credit hour. Under the IVCB budget model, the tuition flows back to the College. Based on our projections, if the enrollment goal of 15 student/year is met, then the program will be net revenue positive to the Department.

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

The first three years of the program are supported by the IFG grant; it is planned to be self-supporting afterward, with AY 20/21 tuition proposed at the base + differential online rate, currently $712/credit hour. Under the IVCB budget model, the tuition flows back to the College. Based on our projections, if the enrollment goal of 15 students/year is met, then the program will be net revenue positive to the Department.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

Graduate Base+Differential Online rate

Are you seeking a change in the tuition rate or differential for this program?

No

Is this program requesting self-supporting status?

Yes

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

None

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

None

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name

MS:WeatherClimteRA ONL-UIUC

Program Code: 1PKS6046MSU

Minor Code	Conc Code	Degree Code	MS Major Code
6046			

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date

Effective Date:

Program Reviewer Comments **Donna Butler (dbutler) (02/20/25 3:54 pm):** Current approved tuition rate was added for documentation purposes.

Allison McKinney (agrindly) (03/05/25 2:38 pm): Administratively approved.

Key: 979

Program Change Request

Date Submitted: 02/21/25 2:48 pm

Viewing: 5169 : Information Technology & Control Minor, GR

Last approved: 10/04/21 11:08 am

Last edit: 03/26/25 3:16 pm

Changes proposed by: Lorena Nicholas

Catalog Pages Using this Program	Information Technology & Control Graduate Minor

Proposal Type:
Minor (ex. European Union Studies)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. 1902-B_ADM Committee Chair
3. 1902-B_ADM Head
4. KM Committee Chair
5. KM Dean
6. University Librarian
7. Grad_College
8. COTE Programs
9. Provost
10. Senate EPC
11. Senate
12. U Senate Conf
13. Board of Trustees
14. IBHE
15. HLC
16. DOE
17. DMI

Approval Path

1. 02/25/25 8:34 am Donna Butler (dbutler): Approved for U Program Review
2. 02/25/25 11:41 am Ravi Mehta (mehtar): Approved for 1902-B_ADM Committee Chair
3. 02/25/25 1:38 pm Carlos Torelli (ctorelli): Approved for 1902-B_ADM Head

4. 03/03/25 9:59 am Abhijeet Ghoshal (abhi): Approved for KM Committee Chair
5. 03/03/25 10:34 pm Nerissa Brown (nerissab): Approved for KM Dean
6. 03/06/25 12:58 pm Tom Teper (tteper): Approved for University Librarian
7. 03/07/25 12:00 pm Allison McKinney (agrindly): Approved for Grad_College
8. 03/07/25 1:26 pm Suzanne Lee (suzannel): Approved for COTE Programs
9. 03/12/25 3:23 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Aug 13, 2019 by Deb Forgacs (dforgacs)
2. Oct 4, 2021 by Lorena Nicholas (lorenan)

Administration Details

Official Program Name	Information Technology & Control Minor, GR

Diploma Title	
Sponsor College	Gies College of Business
Sponsor Department	Business Administration
Sponsor Name	Carlos Torelli ~~Jeffrey Loewenstein~~
Sponsor Email	ctorelli@illinois.edu ~~jloew@illinois.edu~~
College Contact	Lorena Nicholas
College Contact Email	lorenan@illinois.edu
College Budget Officer	Gina Oleynichak
College Budget Officer Email	goleynic@uillinois.edu

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Lorena Nicholas

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Graduate Minor in Information Technology & Control in the Gies College of Business and the Graduate College

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

The proposal is related to the ITC graduate concentration (key 529) to ensure both are updated to reflect the current list of courses.

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

We are proposing a revision to update the list of courses available for this minor to accurately reflect the options available for students pursuing this minor. The minor and the concentration should have the same course offerings.

We propose to remove BADM 559 and BADM 562 and adding the following courses that are already approved courses for the ITC concentration: BADM 525, BADM 558, and BADM 589.

We are changing the overall requirements from 2 required courses (8 hours) and 'select one from the following list' (4 hours) to 'select 12 hours from the following list' (12 hours).

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

BADM 559 has not been offered since fall of 2022 and BADM 562 was removed from the ICT concentration previously.

The course list for the minor has not been updated since prior to 2020. Therefore, we are updating the list of courses to ensure it aligns with the graduate concentration of the same name.

The change in overall requirements to now be all 12 hours from a 'select from list' is to increase student choice.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

No

Program Features

Academic Level Graduate

Is this minor?

A Comprehensive study in a single discipline

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Other than certification via the students' degree audits, is there any additional planned mechanism to award/honor successful completion of the minor?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

An undergraduate minor should consist of at least 16 - and no more than 21 hours - of course work, with at least 6 hour of 300- or 400- level courses. Except for clearly remedial offerings, prerequisite courses within the sponsoring unit coun towards the total; prerequisite courses outside the sponsoring unit do not count toward this total. The unit sponsoring the minor and that unit's college may set educationally necessary prerequisites for eligibility for the minor within these constraints. Does this proposal meet these criteria?

Yes

Revised programs ITC minor side by side.xlsx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

This minor requires submission of twelve graduate hours of information technology coursework on the digital transformation of organizations. Successful completion of the concentration assumes certain knowledge of business and prior coursework. In addition to the concentration requirements, students must also complete the requirements of their major degree.

Course substitutions may be approved by the Department after consultation with the relevant faculty. ~~The minor in Information Technology and Control is designed to develop leaders in various business fields who understand how to leverage information technology to create value for customers, external partners, and shareholders by designing better information systems to improve business processes and controls; and how managers can assess the strategic, financial, and economic benefits of investing in advanced information systems.The minor will provide not only a strong foundation in IS/IT area but could be tailored to fit the specific career needs of our students.~~

Is the overview text above correct?

Yes

Statement for
Programs of Study
Catalog

Select 12 hours from the following		
BADM 525	New Product Development	2 or 4
BADM 554	Enterprise Database Management	4
BADM 555	Info Sys Development and Mgt	4
~~Select one (1) from the following:~~		
BADM 557	Topics in Business Intelligence	4
~~BADM 559~~	~~Enterprise IT Governance~~	~~4~~
~~BADM 562~~	~~Social Media Strategy~~	~~4~~
~~or substitutions approved by the Department of Business Administration~~		
BADM 558	Big Data Infrastructures	4
BADM 589	Project Management	2 or 4
Total Hours		**12**

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

No

Student Learning Outcomes

1) Students will be able to leverage information technology to create value for customers, external partners, and shareholders by designing better information systems and products to improve business processes and controls.
2) Students will be able to assess the strategic, financial, and economic benefits of investing in advanced information systems. ~~The courses for this minor will be reviewed regularly as part of AACSB accreditation~~

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Describe here:

The courses for this concentration will be reviewed regularly as part of the overall graduate programs annual review of learning outcomes and AACSB accreditation and reporting. accreditation. The College has a dedicated staff member who oversees all AACSB activities, as well as a dedicated teaching and learning team who work closely with faculty to create program assessment plans for their courses.

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

This information is provided in the attachment "ITC learning outcome assessment".

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Our approach to program assessment is structured as a comprehensive, multi-level, and multi-stage process aimed at ensuring continuous improvement and alignment with educational and societal goals.

Stages:

Formative Evaluation (Ongoing throughout the program):

Conducted at the end of each course to assess:

a) Level 1 (Course Learning and Outcomes): Data sources include student performance, attrition rates, and course evaluations. A debriefing process will occur at the end of each term to inform and implement adjustments for future semesters.

b) Level 3 (Student Satisfaction): Feedback from students will be collected and analyzed to enhance their overall experience and address any concerns in real-time.

Summative Evaluation (Upon cohort completion):

Conducted when a cohort finishes the program to assess:

a) Level 2 (Program Outcomes): Evaluating how well graduates meet the expected program outcomes, including how the program has shaped their unique competencies.

b) Levels 3 and 4 (Student and Stakeholder Satisfaction): Gathering comprehensive feedback to understand the satisfaction levels of both students and stakeholders in relation to the program's delivery and outcomes.

Long-Term Summative Evaluation (2-3 years post-completion):

Conducted to assess the long-term impact of the program (Level 5) on graduates and society. Data sources include employment rates, job types, alumni income, and further education pursued, particularly within other Gies programs, to gauge the enduring value and societal contribution of the program.

Levels:

Course Learning and Course Outcomes: Evaluates the extent to which students are meeting the specific learning objectives of each course.

Program Outcomes: Measures how well students align with the "program graduate profile," assessing how unique and knowledgeable graduates are as a result of completing the program.

Student Satisfaction: Gauges overall student satisfaction with the program, including their learning experience, support systems, and perceived value.

Stakeholder Satisfaction: Assesses the satisfaction of key stakeholders, such as faculty, employers, and industry partners, in relation to the program's effectiveness and relevance.

Impact on Individuals, Academic Units, and Society: Analyzes the broader impact of the program, focusing on how it influences personal career growth, contributes to academic excellence, and addresses societal needs.

Program

ITC learning outcome assessment.docx

Description and Requirements

Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Enrollment

Will the department limit enrollment to the minor?

No

Describe how the department will monitor the admission to/enrollment in the minor.

The program director/academic advisor will monitor admission/enrollment to the minor.

Are there any prerequisites for the proposed minor?

No

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

This proposal will not impact enrollment or degrees awarded.

Budget

Are there budgetary implications for this revision? No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

There will be no change to the financial support needed to support ~~of~~ this minor from these proposed changes.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Library resources review of ITC proposed revisionspdf.pdf

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

We provided the proposed revision to Becky Smith and she indicated it would not impact the library, a copy of the email is attached.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name

Information Technology and Control

Program Code: 5169

Minor Code	Conc Code	Degree Code	Major Code
5169			

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date

Effective Date:

Program Reviewer Comments

Donna Butler (dbutler) (02/25/25 8:34 am): The text provided in the Catalog Overview tab in this proposal is closer to text at the top of the POS table on the Degree Requirements tab. Current catalog has different information on the Overview tab for this minor. Please clarify if you want the current Overview tab text changed.

Allison McKinney (agrindly) (03/07/25 12:00 pm): Approved administratively.

Brooke Newell (bsnewell) (03/10/25 1:06 pm): Per discussion with Lorena, edited the justification.

Program Change Request

Date Submitted: 02/21/25 2:47 pm

Viewing: 5469 : Information Technology & Control - Floating

Last approved: 12/19/22 8:26 am

Last edit: 03/26/25 3:16 pm

Changes proposed by: Lorena Nicholas

Catalog Pages Using this Program	Information Technology & Control

Proposal Type:
Concentration (ex. Dietetics)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. 1902-B_ADM Committee Chair
3. 1902-B_ADM Head
4. KM Committee Chair
5. KM Dean
6. University Librarian
7. Grad_College
8. COTE Programs
9. Provost
10. Senate EPC
11. Senate
12. U Senate Conf
13. Board of Trustees
14. IBHE
15. HLC
16. DOE
17. DMI

Approval Path

1. 02/25/25 8:40 am Donna Butler (dbutler): Approved for U Program Review
2. 02/25/25 11:41 am Ravi Mehta (mehtar): Approved for 1902-B_ADM Committee Chair
3. 02/25/25 1:39 pm Carlos Torelli (ctorelli): Approved for 1902-B_ADM Head

4. 03/03/25 9:59 am Abhijeet Ghoshal (abhi): Approved for KM Committee Chair
5. 03/03/25 10:34 pm Nerissa Brown (nerissab): Approved for KM Dean
6. 03/06/25 12:58 pm Tom Teper (tteper): Approved for University Librarian
7. 03/07/25 12:00 pm Allison McKinney (agrindly): Approved for Grad_College
8. 03/07/25 1:26 pm Suzanne Lee (suzannel): Approved for COTE Programs
9. 03/12/25 3:23 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Dec 27, 2018 by Deb Forgacs (dforgacs)
2. Jan 15, 2019 by Deb Forgacs (dforgacs)
3. Aug 8, 2019 by Deb Forgacs (dforgacs)
4. Jan 9, 2020 by Deb Forgacs (dforgacs)
5. Jun 14, 2021 by Lorena Nicholas

(lorenan)
6. Dec 19, 2022 by Lorena Nicholas (lorenan)

Administration Details

Official Program Name	Information Technology & Control - Floating
Diploma Title	
Sponsor College	Gies College of Business
Sponsor Department	Business Administration
Sponsor Name	Carlos Torelli ~~Ravi Mehta~~
Sponsor Email	ctorelli@illinois.edu ~~mehtar@illinois.edu~~
College Contact	Lorena Nicholas
College Contact Email	lorenan@illinois.edu
College Budget Officer	Gina Oleynichak
College Budget Officer Email	goleynic@uillinois.edu

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Lorena Nicholas

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Concentration in Information Technology & Control in the Gies College of Business and the Graduate College

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

The proposal is related to the ITC minor (key 54) to ensure both are updated.

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

We are proposing a minor revision to the list of courses available for this concentration to accurately reflect the options available for students pursuing this concentration.

We propose to remove BADM 559 and add BADM 554.

We are changing the overall requirements from 1 required course (4 hours) and 'select from the following' (8 hours) to 'select 12 hours from the list below' (12 hours).

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No ~~Yes~~

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

BADM 559 has not been offered since fall of 2022. Since that time, we have approved the use of BADM 554 towards this concentration as the content is relevant and the course runs during both the fall and spring semesters, making it very accessible for students in all programs.

The change in overall requirements to now be all 12 hours from a 'select from list' is to increase student choice.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

No

Program Features

Academic Level Graduate

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

This revision will not impact enrollment or advising.

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Revised programs ITC side by side.xlsx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

This concentration requires submission of twelve graduate hours of information technology coursework on the digital transformation of organizations. Successful completion of the concentration assumes certain knowledge of business and prior coursework. In addition to the concentration requirements, students must also complete the requirements of their major degree.

Course substitutions may be approved by the Department after consultation with the relevant faculty.

Is the overview text above correct?

Yes

Statement for Programs of Study Catalog

Select 12 hours from the list below		
BADM 525	New Product Development	2 or 4
BADM 554	Enterprise Database Management	4
BADM 555	Info Sys Development and Mgt	4
BADM 557	Topics in Business Intelligence	4
BADM 558	Big Data Infrastructures	4
~~BADM 559~~	~~Enterprise IT Governance~~	
BADM 589	Project Management	2 or 4
Total Hours		**12**

Program Relationships

Corresponding Program(s):

Corresponding Program(s)
Accountancy, MAS
Accountancy, MS (on campus & online)
Business Analytics, MS
Finance, MS

Corresponding Program(s)
Management, MS (on-campus & online)
Technology Management, MS

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

Yes

Student Learning Outcomes

1) Students will be able to leverage information technology to create value for customers, external partners, and shareholders by designing better information systems and products to improve business processes and controls.
2) Students will be able to assess the strategic, financial, and economic benefits of investing in advanced information systems.

Did you make any revisions to the learning outcomes you copied and pasted from the current academic catalog?

No

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

The courses for this concentration will be reviewed ~~regularly~~ as part of the overall graduate programs annual review of learning outcomes and AACSB accreditation and reporting. ~~accreditation.~~ The College has a dedicated staff member who oversees all AACSB activities, as well as a dedicated teaching and learning team who work closely with faculty to create program assessment plans for their courses.

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

This information is provided in the attachment "ITC learning outcome assessment".

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Our approach to program assessment is structured as a comprehensive, multi-level, and multi-stage process aimed at ensuring continuous improvement and alignment with educational and societal goals.

Stages:

Formative Evaluation (Ongoing throughout the program):

Conducted at the end of each course to assess:

a) Level 1 (Course Learning and Outcomes): Data sources include student performance, attrition rates, and course evaluations. A debriefing process will occur at the end of each term to inform and implement adjustments for future semesters.

b) Level 3 (Student Satisfaction): Feedback from students will be collected and analyzed to enhance their overall experience and address any concerns in real-time.

Summative Evaluation (Upon cohort completion):

Conducted when a cohort finishes the program to assess:

a) Level 2 (Program Outcomes): Evaluating how well graduates meet the expected program outcomes, including how the program has shaped their unique competencies.

b) Levels 3 and 4 (Student and Stakeholder Satisfaction): Gathering comprehensive feedback to understand the satisfaction levels of both students and stakeholders in relation to the program's delivery and outcomes.

Long-Term Summative Evaluation (2-3 years post-completion):

Conducted to assess the long-term impact of the program (Level 5) on graduates and society. Data sources include employment rates, job types, alumni income, and further education pursued, particularly within other Gies programs, to gauge the enduring value and societal contribution of the program.

Levels:

Course Learning and Course Outcomes: Evaluates the extent to which students are meeting the specific learning objectives of each course.

Program Outcomes: Measures how well students align with the "program graduate profile," assessing how unique and knowledgeable graduates are as a result of completing the program.

Student Satisfaction: Gauges overall student satisfaction with the program, including their learning experience, support systems, and perceived value.

Stakeholder Satisfaction: Assesses the satisfaction of key stakeholders, such as faculty, employers, and industry partners, in relation to the program's effectiveness and relevance.

Impact on Individuals, Academic Units, and Society: Analyzes the broader impact of the program, focusing on how it influences personal career growth, contributes to academic excellence, and addresses societal needs.

Program

ITC learning outcome assessment.docx

Description and Requirements
Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

This proposal will not impact enrollment or degrees awarded.

Budget

Are there budgetary implications for this revision? No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available? No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

This concentration is already financially supported, these proposed changes will not impact financial resources. ~~the concentration.~~

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Library resources review of ITC proposed revisionspdf.pdf

Is this program requesting self-supporting status?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

This revision will not impact financial resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

We provided the proposed revision to Becky Smith and she indicated it would not impact the library, a copy of the email is attached.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name

Information Technology and Control

Program Code:	5469				
Minor Code		Conc Code	5469	Degree Code	Major Code
Senate Approval Date					
Senate Conference Approval Date					
BOT Approval Date					
IBHE Approval Date					
HLC Approval Date					
DOE Approval Date	NA				
Effective Date:					

Program Reviewer Comments

Donna Butler (dbutler) (02/25/25 8:40 am): The text provided in the Catalog Overview tab in this proposal is closer to text at the top of the POS table on the Degree Requirements tab. Current catalog has different information on the Overview tab for this concentration. Please clarify if you want the current Overview tab text changed.

Allison McKinney (agrindly) (03/07/25 11:59 am): Approved administratively.

Brooke Newell (bsnewell) (03/10/25 2:13 pm): Per discussion with Lorena, edited the justification.

Key: 529

Program Change Request

Date Submitted: 02/11/25 3:08 pm

Viewing: 10KL5883BS & 10KS5883MS : JP: Crop Sciences BS & MS

Last approved: 10/06/22 4:01 pm

Last edit: 03/26/25 3:13 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program	Crop Sciences, BS-MS

Proposal Type:

Joint Program (ex. Master of Public Health & PhD. in Community Health)

This proposal is for a:

Revision

In Workflow

1. U Program Review
2. Gen Ed Review
3. 1802-CROPS Committee Chair
4. 1802-CROPS Head
5. KL Committee Chair
6. KL Dean
7. University Librarian
8. Grad_College
9. COTE Programs
10. Provost
11. Senate EPC
12. Senate
13. U Senate Conf
14. Board of Trustees
15. IBHE
16. HLC
17. DOE
18. DMI

Approval Path

1. 02/18/25 3:14 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/21/25 10:49 am Melissa Steinkoenig (menewell): Approved for Gen Ed Review
3. 02/26/25 11:09 am Kris Lambert (knlamber): Approved for 1802-CROPS Committee

Chair

4. 02/26/25 11:28 am Adam Davis (asdavis1): Approved for 1802-CROPS Head
5. 03/03/25 9:07 am Brianna Gregg (bjgray2): Approved for KL Committee Chair
6. 03/03/25 9:16 am Anna Ball (aball): Approved for KL Dean
7. 03/06/25 12:56 pm Tom Teper (tteper): Approved for University Librarian
8. 03/12/25 9:49 am Allison McKinney (agrindly): Approved for Grad_College
9. 03/12/25 10:13 am Suzanne Lee (suzannel): Approved for COTE Programs
10. 03/12/25 3:24 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Dec 6, 2019 by Brianna Gregg (bjgray2)
2. Feb 20, 2020 by Kathy Martensen (kmartens)

3. Oct 1, 2021 by Scott Bartlett (sbartlet)
4. Feb 3, 2022 by Deb Forgacs (dforgacs)
5. Oct 6, 2022 by Mary Lowry (lowry)

Administration Details

Official Program Name	JP: Crop Sciences BS & MS
Diploma Title	Bachelor of Science in Crop Sciences; Master of Science in Crop Sciences
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Crop Sciences
Sponsor Name	Tiffany Jamann
Sponsor Email	tjamann@illinois.edu
College Contact	Brianna Gregg
College Contact Email	bjgray2@illinois.edu
College Budget Officer	
College Budget Officer Email	

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Joint Program in the Bachelor of Science in Crop Sciences and the Master of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences and the Graduate College

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

This Crop Sciences, BS + MS proposal (key 866) is related to the Crop Sciences, BS proposal (key 484) and all of the concentrations in the major of Crop Sciences, including Agroecology (key 639), Crop Agribusiness (key 762), and Horticulture Food Systems (key 536).

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. ALEC 115 was added as an option to complete the communication option.

2. The footnote for ACE 100 or ECON 102 was removed.

3. The formatting of the program of study (POS) and additional text was modified (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template.

4. RHET 105 was removed from specifically being noted in the program of study.

5. CMN 111 & 112 were added to the POS table as options for the Composition I requirement.

6. We gave titles (e.g., Calculus Option) to "Select ____ of the following:" requirement options.

7. We adjusted hours on electives and gen eds students must take on sample sequence.

8. Section titles were slightly updated (e.g., Concentration Required --> Agroecology Core and Crop Sciences Core --> Major Core) and others were added (e.g., Department Foundation and Major Core).

9. We removed the hours included on some of the old section titles.

10. CHEM 102 & CHEM 103 were pulled into the Department Foundation section.

11. We pulled the old Crop Sciences Core section from the concentrations, renamed it, and added it as the Major Core to the POS table.

12. We added a Concentration Core table that includes each concentration and their links to their Academic Catalog pages.

13. We added and updated text relating to the total required hours.

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students.

2. The footnote was removed as footnotes are not accessible, and the Biological Sciences Concentration that the footnotes referenced has been deactivated.

3. These modifications were made per the Office of the Provost General Education's initiative for transparency and accessibility in degree programs.

4. RHET 105 was removed because students should follow the campus guidelines for Composition I placement.

5. We added CMN 111 & 112 to the program of study table since this combination meets the speech requirement of the college and composition general education requirement.

6. Titling these options makes it easier for students to make note of them on the sample sequence.

7. We adjusted hours on electives and gen eds students must take on sample sequence to meet the 126-hour total requirement needed to graduate.

8. These titles were changed and/or added to better describe the different sections of the curriculum and to increase transparency of the program requirements.

9. We removed the credit hours from section titles because the hours that students take to complete the program can vary, so we just removed them to eliminate confusion.

10. CHEM 102 & CHEM 103 are required for all concentrations, so listing them attached to the department foundation allows for transparency across the concentrations about how they differ and are the same.

11. We added the Major Core section to show which more Crop Science-related coursework is required for all Crop Science students.

12. For increased transparency and ease of reading the degree requirements for each major, each concentration and its name are linked to their Academic Catalog pages from the major page.

13. We updated this to make it clearer to students what the total hours are for the B.S., M.S.,

and the joint program rather than saying the total hours for each program separately.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

RHET 105 - Writing and Research
CMN 111 - Oral & Written Comm I
CMN 112 - Oral & Written Comm II
ALEC 115 - Talk About Food, Ag, Env

Please attach any letters of support/ acknowledgement for any Instructional Resources. Consider faculty, students, and/or other impacted units as appropriate.

Letter of Acknowledgement_RHET 105.pdf
Letter of Support_ALEC 115.pdf
Letter of Support_CMN 111 & 112.pdf
Letter of Acknowledgement_ALEC 115 for CMN.pdf

Program Features

Academic Level

Undergraduate
Graduate

What is the longest/maximum time to completion of this program?

5 years

What are the minimum Total Credit Hours required for this program?

146

What is the required GPA? 3.0

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hours of advanced level or courses with two or more prerequisites course work within the degree program:

a) Specifically required upper-level courses for the program of study:
CPSC 498 (1 credit hour)

b) Choices (i.e., "Select one of the following:") of required upper-level courses for the program of study:
Internship or Research Option - Choose 3 hours from the following:
CPSC 393 (1 to 5 credit hours)
CPSC 395 (1 to 4 credit hours)
HORT 393 (1 to 5 credit hours)
HORT 395 (1 to 4 credit hours)

c) Elective upper-level courses for the program of study:

Total upper-level hours = 4

The remaining 36 upper-level hours will come from free upper-level elective courses.

Revised programs: Side by Side_Crop Sciences, BS + MS.xlsx
Sample Sequence_Crop Sciences, BS + MS.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

The five-year joint B.S.-M.S. program in Crop Sciences combines a B.S. in Crop Sciences with a non-thesis M.S. in Crop Sciences or a B.S. in Computer Science and Crop Sciences with a non-thesis M.S. in Crop Sciences. Current University of Illinois at Urbana-Champaign undergraduate students enrolled in the Department of Crop Sciences who have completed between 60 and 96 credit hours, maintain superior academic performance are eligible to apply for this program. Students admitted to the program will receive both degrees once all requirements for the B.S.-M.S. program are completed.

Is the overview text above correct?

Yes

Statement for Programs of Study Catalog

Graduation Requirements

Minimum hours required for Bachelor's degree only graduation: 126 hours.

Minimum hours required for the Bachelor's + Master's degree in Crop Sciences: 146 hours.

ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in the program.

For ~~for~~ the Crop Sciences, B.S. ~~BS~~

Composition I	4-6
Advanced Composition	3
Humanities & the Arts (6 hours)	6
Natural Sciences & Technology (6 hours)	6
fulfilled by CHEM 102 and CPSC 112	
Social & Behavioral Sciences (6 hours)	6
fulfilled by ECON 102 or ACE 100 and any other course approved as Social & Behavioral Sciences	
Cultural Studies: Non-Western Cultures (1 course)	3
Cultural Studies: US Minority Cultures (1 course)	3

Cultural Studies: Western/Comparative Cultures (1 course)		3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)		6-8
fulfilled by MATH 220, MATH 221, or MATH 234, and CPSC 241		
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)		0-15
Department Foundation		
Communication Option:		3 or 6
CMN 101	Public Speaking	
ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
ACES 101	Contemporary Issues in ACES	2
ECON 102	Microeconomic Principles	3 or 4
or ACE 100	Introduction to Applied Microeconomics	
Calculus Option - Select one of the following:		4-5
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
CPSC 241	Intro to Applied Statistics	3
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
Major Core		
CPSC 102	Foundational Skills in Crop Sciences	2
CPSC 112	Introduction to Crop Sciences	4
CPSC 212	Introduction to Plant Protection	4
Internship or Research Option - Choose 3 hours from the following:		3
CPSC 393	Crop Sciences Internship	
CPSC 395	Undergrad Research or Thesis	
HORT 393	Horticulture Internship	
HORT 395	Undergrad Research or Thesis	

CPSC 498	Crop Sci Professional Develpmt	1
Concentration Core		
Concentration prescribed courses. See specific requirements for the concentration listed below.		
Agroecology		
Crop Agribusiness		
Horticultural Food Systems		
Total Hours for B.S.		**126**

12 hours of graduate-level concentration electives in the B.S. requirements will overlap with 12 hours of electives required for the M.S. requirements.

For the Crop Sciences, M.S. Non-Thesis Option

CPSC 594	Professional Orientation CPSC	1
CPSC 598	Seminar (required each semester)	4
Electives including at least 4 hours of graded coursework at the 500 level other than CPSC 599 (elective courses are chosen in consultation with faculty advisor)		27
Total Hours for M.S.		**32**

Other Requirements

Other requirements and conditions may overlap
Minimum 500-level Hours Required overall: 12
Minimum GPA: 3.0
Twelve (12) hours of graduate level concentration electives in the BS requirements will overlap with 12 hours of electives required for the MS requirements.

Total Hours for Joint Program	**146**

~~Prescribed Courses including Campus General Education~~

~~**Composition I and Speech**~~		
~~RHET 105~~	~~Writing and Research~~	~~4~~
~~or equivalent - see College Composition I requirement (3 or 4)~~		

CMN 101	Public Speaking	3
Advanced Composition		
Select from campus approved list.		3-4
Cultural Studies		
Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.		9
Foreign Language		
Coursework at or above the third level is required for graduation.		
Quantitative Reasoning I		
Select one of the following:		4-5
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
Quantitative Reasoning II		
CPSC 241	Intro to Applied Statistics	3
Natural Sciences and Technology		
See Specific Concentration Requirements		
Humanities and the Arts		
Select from campus approved list		6
Social and Behavioral Sciences (ACE 100 or ECON 102 are not required for the Biological Sciences Concentration.)		
ACE 100	Introduction to Applied Microeconomics	3-4
or ECON 102	Microeconomic Principles	
Select from campus approved list.		3-4
ACES required		
ACES 101	Contemporary Issues in ACES	2
Required Concentration		**58-79**
Concentration prescribed courses. See specific concentration requirements.		58-79
Total Hours		**126**

For the Crop Sciences, MS Non-Thesis Option Other Requirements

Program Relationships

Identify the existing programs to be joined:

Corresponding Program(s)
Crop Sciences, BS
Crop Sciences, MS (on campus & online)

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

No

Student Learning Outcomes

CPSC, B.S.

Students graduating with a B.S. in Crop Sciences should be able to:

1. Demonstrate knowledge in the key subject matter areas of applied plant biology; crop growth and development; crop management and protection; and soil science.
2. Demonstrate an ability to identify a problem and develop solutions using quantitative reasoning skills for the analysis of biological data.
3. Demonstrate oral and written communication skills necessary to listen and make effective arguments, to share applied scientific concepts with the public, and to make use of a broad variety of media.
4. Demonstrate an ability to lead and function in multidisciplinary teams.
5. Demonstrate the ability to perform self-guided discovery in agricultural sciences, practicing skills of engagement to enhance intellectual curiosity.

CPSC, M.S. (Non-Thesis)

1. Students will be able to read, understand, knowledgeably discuss, and summarize in writing the primary scientific literature of one or more disciplinary areas (bioinformatics and statistics, crop genetic improvement, crop production, plant protection, sustainable food systems, and water quality and environmental systems).
2. Students will acquire professional scientific writing and communication skills.
3. Students will develop the capacity to communicate and collaborate across interdisciplinary boundaries.
4. Students will develop the interpersonal skills to be competitive for career opportunities in plant sciences and agriculture. ~~The non-thesis MS programs in Crop Science have four learning outcomes (detailed in 2020 updated campus assessment plan) related to critical thinking skills and knowledge development in the field of Crop Sciences.Coursework is evaluated by the instructor via grades and progress in coursework is evaluated by either the DGS.MS students must complete a final exam before graduating that evaluates overall content knowledge and integration of knowledge into a critical thinking platform.~~

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program

Description and Requirements
Attach Documents

Delivery Method

This program is available:
On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective Admissions Term

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

This revision will not impact enrollment or degrees awarded.

Estimated Annual Number of Degrees Awarded

Year One Estimate	0	5th Year Estimate (or when fully implemented)
10		

Budget

Are there budgetary implications for this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

This proposal is building on programs that already exist within the department, including an established non-thesis M.S. option, so no additional costs are expected. Upon formal acceptance into the graduate program, students will be assessed graduate student tuition.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

Are you seeking a change in the tuition rate or differential for this program?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

These revisions will not impact faculty resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

After consulting with the librarian for Crop Sciences, current Library resources, including collections and services, are sufficient and will not be significantly impacted by the revisions to this program.

EP Documentation

EP Control Number: EP.25.077

Attach Rollback/ Approval Notices:

Non-EP Documentation

U Program Review Comments:

Rollback Documentation and Attachment:

DMI Documentation

Attach Final Approval Notices: U Program Review Comments KEY 866 12-3-2024.docx

Banner/Codebook Name:

BS: BS/MS Crop Sciences - UIUC & MS: BS/MS Crop Sciences - UIUC

Program Code: 10KL5883BS & 10KS5883MS

Minor Code	Conc Code	5883	Degree Code	Major Code
0030				

Senate Approval Date:

Senate Conference Approval Date:

BOT Approval Date:

IBHE Approval Date:

HLC Approval Date:

DOE Approval Date:

Effective Date:

Program Reviewer Comments:

Mary Lowry (lowry) (12/03/24 1:49 pm): U Program Review comments attached in DMI Documentation section.

Mary Lowry (lowry) (12/03/24 1:50 pm): Rollback: U Program Review comments are attached.

Melissa Steinkoenig (menewell) (02/21/25 10:49 am): Gen Ed Table good

Key: 866

Program Change Request

Date Submitted: 02/27/25 2:58 pm

Viewing: 10KS6255MFA : Art & Design: Studio Art, MFA

Last approved: 02/24/25 1:14 pm

Last edit: 03/26/25 3:15 pm

Changes proposed by: Nicole Turner

Catalog Pages Using this Program	Art & Design: Studio Art, MFA

Proposal Type:

Concentration (ex. Dietetics)

This proposal is for a:

Revision

In Workflow

1. U Program Review
2. 1526-ART Head
3. KR Dean
4. University Librarian
5. Grad_College
6. COTE Programs
7. Provost
8. Senate EPC
9. Senate
10. U Senate Conf
11. Board of Trustees
12. IBHE
13. HLC
14. DOE
15. DMI

Approval Path

1. 03/03/25 11:04 am Donna Butler (dbutler): Approved for U Program Review
2. 03/03/25 11:10 am Melissa Pokorny (mpokorny): Approved for 1526-ART Head
3. 03/03/25 11:15 am Nicole Turner (nicturn): Approved for KR Dean
4. 03/06/25 12:57 pm Tom Teper (tteper): Approved for University Librarian
5. 03/12/25 3:35 pm

Allison McKinney (agrindly): Approved for Grad_College
6. 03/12/25 3:54 pm Suzanne Lee (suzannel): Approved for COTE Programs
7. 03/13/25 10:46 am Brooke Newell (bsnewell): Approved for Provost

History

1. Feb 24, 2025 by Nicole Turner (nicturn)

Administration Details

Official Program Name	Art & Design: Studio Art, MFA		
Diploma Title	Master of Fine Arts in Art and Design		
Sponsor College	Fine & Applied Arts		
Sponsor Department	Art and Design		
Sponsor Name	Melissa Pokorny		
Sponsor Email	mpokorny@illinois.edu		
College Contact	Nicole Turner	College Contact Email	nicturn@illinois.edu
College Budget Officer	Greg Anderson		
College Budget Officer Email	gnandrs@illinois.edu		

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

KR Dean

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Concentration in Studio Art in the Master of Fine Arts in Art & Design in the College of Fine and Applied Arts and the Graduate College

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. Revise the number of elective hours from 24 to 4 minimum
2. Revise the total concentration hours required from 87 to 67

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. The intention in the development of this concentration was that the majority of electives would be optional, true electives beyond the degree. This revision corrects it to require only 4 hours of electives instead of the 24 previously listed.

2. Due to the update in #1, this reduces the total concentration hours by 20 since 20 hours are removed in the change from 24 to 4. The program wants it to be explicit that the minimum concentration hours are 67 and not 87. The MFA in Art & Design program has a minimum number of hours of 64, so this concentration changes brings that difference more closely in alignment.

No change to program learning outcomes.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

No

Program Features

Academic Level Graduate

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

Yes

Describe the institution’s plan for seeking specialized accreditation for this program.

We completed an accreditation review by NASAD in 2023 based on existing MFA concentrations and with the explicit goals of consolidating these concentrations into a singular MFA in Studio Art concentration. NASAD accreditation is based on this plan.

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

MFA students are admitted directly into specific concentrations, which will continue with this new, consolidated concentration of Studio Art (replacing previous concentration designations of Painting, Sculpture, Photography, Printmaking and specialization in New Media). Students are assigned a faculty mentor for their first year, which is replaced by a capstone advisor in the middle of their second year. We typically admit 3-5 new MFA students each year, with a maximum of 15 in the 3-year cohort. We currently have 12 enrolled.

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Revised programs

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Admission

Applications are considered for Fall Semester admissions only. International applicants need to submit a recent English Proficiency test score of 96 (TOEFL) or 6.5 (IELTS) (or an exemption) for admissions.

Graduate Teaching Experience

Although teaching is not a general Graduate College requirement, experience in teaching is considered an important part of the graduate experience for master and doctoral students.

Facilities and Resources

Resources for graduate students in art and design include the Krannert Art Museum's excellent permanent collections and changing exhibitions; the Ricker Library of Art and Architecture, one of the largest art and architecture libraries in the nation; the Krannert Center for the Performing Arts; School of Art and Design facilities, which include extensive computer laboratories, digital photography and video editing equipment, wireless networking, ink-printing facilities, ceramic, woodworking, and metal shops, rapid prototyping and laser cutting, black/white and color darkrooms, shooting studios, and a wide selection of production and presentation equipment via reservation and checkout facility. A variety of lectures, symposia, musical programs, dramatic productions, and other cultural events associated with a large and progressive university complement the Art and Design Facilities.

Financial Aid

Fellowships, assistantships, and tuition and service fee waivers are awarded each year on a competitive basis, with consideration given to the applicant's grade point average and, in the case of applicants for the M.F.A. programs, quality of creative work.

Is the overview text above correct?

Yes

Statement for Programs of Study Catalog

Master of Fine Arts in Art and Design, Studio Art Concentration

ARTS 591	Graduate Studio	6
ARTS 593	Seminar: Methods Criticism	12
ARTS 594	Capstone Writing Workshop	8
ARTS 595	Graduate Laboratory	36
ART 594	Art & Design Graduate Teaching Assistant Pedagogy Seminar	1

Elective Courses	4 minimum

Electives must be graduate-level courses (either 5xx or 4xx courses with a graduate-specific section) that are offered as 3- or 4-credit courses. These should be taken based on the specific research interests of the student and under the advising of a Studio Art Graduate Faculty member. Suitable courses may include those offered in Art Studio (ARTS), Art Education (ARTE), Art History (ARTH), Design (ARTD), as well as courses offered in FAA or across the broader University.

Total Hours	**67 minimum**

Other Requirements

Other requirements may overlap

Minimum 500-level Hours Required Overall	12
Minimum GPA	2.75
MFA Research/Project/Thesis Hours (fulfilled by ARTS 594)	minimum of 2
MFA Studio Hours (fulfilled by ARTS 595)	minimum of 6

Program Relationships

Corresponding Program(s):

Corresponding Program(s)
Art & Design, MFA

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

Yes

Student Learning Outcomes

1. Demonstrate a practical and theoretical understanding of contemporary art and related practices.
2. Articulate studio and conceptual concerns orally and in writing that makes critical connections between individual works and practices and the larger contexts that inform them.
3. Produce and exhibit a comprehensive body of artwork that demonstrates conceptual rigor and appropriate technical skill.
4. Demonstrate the intention, motivation and skills required to pursue and sustain a career as an artist.
5. Acquire practical pedagogical and technical skills necessary for employment in the field.

Did you make any revisions to the learning outcomes you copied and pasted from the current academic catalog?

No

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Every semester, there are two primary forms of program-level evaluation: 1) Formal critiques that involve our graduate faculty and guest critics in our graduate exhibition spaces and 2) formal evaluations of student progress that results in a written report for each graduate student. The first allows for an assessment of the quantity and quality of student work each semester, while the second involves both reflective self-assessments by the students and a faculty-produced record of the learning outcomes for each student. These two activities together allow our graduate faculty to develop a comprehensive picture of learning outcomes at the program-level.

A further culminating assessment occurs through the capstone document and written statement. The capstone project is presented in a formal MFA exhibition in the Krannert Art Museum every April. The capstone document is submitted to the candidate's capstone committee, composed of a minimum of three graduate faculty in the School of Art & Design, for approval.

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

LO #1 Rating Rubric

Students are expected to be knowledgeable regarding artistic methods relevant to their self-defined artistic practice. This is primarily measured by the quality of the work relative to expectations found in the professional sphere and is communicated to the student through instruction as well as formal end-of-semester evaluations.

Similarly, students are expected to be reasonably conversant in the field of contemporary art as it relates to their specific work. This is measured through the student's ability to orally relate their work to that of others in the field during critiques and in one-on-one discussions with faculty. Students' performance in this area is similarly documented and communicated in end-of-semester evaluations. These evaluations use a linear scale rubric that ranks their performance from "unsatisfactory" to "exemplary."

LO #2 Rating Rubric

Students are expected to be able to situate their own creative work within the broader field of contemporary art. While this field is too large to account for in its totality, students are expected to define segments of it that are most relevant to their creative work and be able to articulate such connections in writing and oral defense/critique. The primary site for the performance of this outcome is the capstone document. There is no standard rubric for this, and evaluative feedback is communicated from the capstone committee to the candidate, with the committee's approval being the ultimate desired outcome.

LO #3 Rating Rubric

Similarly, this learning outcome has its primary expression in the capstone project and exhibition. Again, there is no standard rubric for this, and evaluative feedback is communicated from the capstone committee to the candidate throughout the process of completing the work for exhibition, with the committee's approval being the ultimate desired outcome.

LO #4 Rating Rubric

Through student progress each year, faculty evaluate MFA candidates' ability to consistently respond to the demands typical of a self-directed studio art practice. While there is no singular model that exemplifies a successful studio artist, our faculty are representative of, and familiar with, a broad range of professional practices. Expectations are that the student exhibits a progressive development of practices necessary to succeed and sustain professional-level work relative to their specific trajectory within the arts. This is communicated to students through formal critique, individual mentoring, and in end-of-semester reviews where the linear scale rubric.

LO #5 Rating Rubric

All our MFA candidates serve as Teaching Assistants during at least some portion of their three years in the program, with many of them doing so all three years. We have a recently adopted course specifically focused on pedagogy and best-practices in teaching art in higher education.

We also assign all MFA students to a faculty mentor to introduce classroom management and other aspects of teaching in a studio setting. We also perform teaching observations every semester for each Teaching Assistant, providing them notes and feedback based on those observations.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Our graduate faculty meets regularly to discuss student progress and curriculum development. Based on end-of-semester evaluations, and the outcomes of specific courses, we identify potential areas of improvement to course delivery and our facilitation of mentorship.

Program Description and Requirements Attach Documents

~~Re_ MFA in Art & Design.pdf~~

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

No impact.

Budget

Are there budgetary implications for this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

No change to staffing is required as this is simply a consolidation of existing concentrations into a new, singular concentration that better reflects our curriculum.

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

Current financial resources in the College of Fine and Applied Arts and the School of Art and Design will support this new concentration. Again, there is no material or curricular change involved with this concentration proposal, and no expected change in enrollment and funding. Currently, our MFA students are funded through Teaching Assistantships and Fellowships, and that is also expected to continue.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Is this program requesting self-supporting status?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

No impact.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

Library resources, collections, and services are sufficient to meet the needs of the program outlined in this proposal.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review

Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name

MFA:A&D - Studio Art - UIUC

Program Code: 10KS6255MFA

Minor Code	Conc Code	6255	Degree Code	MFA Major Code
0252				

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date n/a

Effective Date:

Program Reviewer Comments **Brooke Newell (bsnewell) (03/13/25 10:38 am):** Per discussion with Nicole T. via TEAMS, updated justification responses

Key: 1244

Program Change Request

EP.25.077
Admin Approval_Section1_#A6

Date Submitted: 01/23/25 12:50 pm

Viewing: 10KS0168PHD : Music Education, PhD

Last approved: 03/15/22 2:40 pm

Last edit: 03/26/25 3:14 pm

Changes proposed by: Nicole Turner

Catalog Pages Using this Program: Music Education, PhD

Proposal Type:
Major (ex. Special Education)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. 1495-MUSIC Committee Chair
3. 1495-MUSIC Head
4. KR Dean
5. University Librarian
6. Grad_College
7. COTE Programs
8. Provost
9. Senate EPC
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. HLC
15. DOE
16. DMI

Approval Path

1. 01/27/25 2:21 pm Donna Butler (dbutler): Approved for U Program Review
2. 01/29/25 10:27 am Gayle Magee (gsmagee): Approved for 1495-MUSIC Committee Chair
3. 01/29/25 10:35 am Linda Moorhouse (moorhouz): Approved for 1495-MUSIC Head
4. 02/11/25 8:53 am

Nicole Turner (nicturn): Approved for KR Dean
5. 02/11/25 3:58 pm Tom Teper (tteper): Approved for University Librarian
6. 03/13/25 9:47 am Allison McKinney (agrindly): Approved for Grad_College
7. 03/13/25 9:51 am Suzanne Lee (suzannel): Approved for COTE Programs
8. 03/13/25 10:46 am Brooke Newell (bsnewell): Approved for Provost

History

1. Jan 30, 2019 by Deb Forgacs (dforgacs)
2. Apr 11, 2019 by Deb Forgacs (dforgacs)
3. Mar 15, 2022 by Mary Lowry (lowry)

Administration Details

Official Program Name	Music Education, PhD
Diploma Title	
Sponsor College	Fine & Applied Arts
Sponsor Department	Music
Sponsor Name	Dr. Linda R. Moorhouse ~~Mary Lowry~~

Sponsor Email	moorhouz@illinois.edu ~~lowry@illinois.edu~~
College Contact	Nicole Turner ~~Mary Lowry~~
College Contact Email	nicturn@illinois.edu ~~lowry@illinois.edu~~
College Budget Officer	Greg Anderson
College Budget Officer Email	gnanders@illinois.edu

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Rollbacks go to moorhouz@illinois.edu

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Doctor of Philosophy in Music Education in the College of Fine and Applied Arts and the Graduate College

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1- Rearranging course layout in the curricular table;
2-MUS 534 is moved to program requirements from the research methods note
3- eliminating three deactivated courses from the list of electives: MUS 531, MUS 536 and MUS 542;
4- deleting two course options in the Educational Policy and Research Methodology areas: MUSIC 431, Piano Pedagogy I and MUSIC 539, Music in Higher Education.
5. Removing language about local students for MUS 544.
6. Updated EPS reference to EPOL for reference to updated department rubric

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1- To provide clarity for students. The EPSY and EPS/C&I and Research Methodology and Music Ed electives become two lines each.
2-MUS 534 Doctoral research in Mus Ed has been offered since SP 2005 and is an advanced research course which doctoral students have always been expected to enroll in. it was previously listed under research methodology and this change makes the requirement more clear.
3- MUS 531 was terminated for Fall 2025, MUS 536, Social-Cultural Inquiry Music Learning and MUS 542, Technology in Music Education had not been offered since SP 14 and were deactivated for SP 25.
4- Current faculty indicated these two courses should never have been included in the curricular table and this is a fix.
5- All students are able to join MUS 544 via zoom or other remote methods and thus, this requirement is no longer only for local students but for all students.
6. EPS department was renamed to EPOL.

No changes to program learning outcomes or credit hours.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

No

Program Features

Academic Level	Graduate
Does this major have transcripted concentrations?	No

What is the longest/maximum time to completion of this program?

7 years

What are the minimum Total Credit Hours required for this program?

64

What is the required GPA?	3.0
CIP Code	131312 - Music Teacher Education.

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Revised programs

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Statement for
Programs of Study
Catalog

MUS 534	Doctoral Research in Mus Ed	4
MUS 535	Philosophic Inquiry in Mus Ed	4
MUS 543	Music Teacher Education	4
MUS 544	Doctoral Seminar in Music Education (Students must register every semester. Maximum of 2 hours applied toward degree requirements.)	0-2
Music Education Electives		6
A minimum of 6 hours of courses selected from the list below or other course(s) with the approval of the Music Education advisor.		
MUS 529	Transformative Music Education	
MUS 530	Critical Readings in Mus Ed	
~~MUS 531~~	~~Course MUS 531 Not Found~~	
MUS 532	Curricular Perspectives on Music Education	
MUS 533	Research in Music Education	
~~MUS 536~~	~~Course MUS 536 Not Found~~	
MUS 539	Music in Higher Education	
MUS 541	Chor Prog in Secondary Schools	
~~MUS 542~~	~~Course MUS 542 Not Found~~	
Educational Psychology (EPSY)		8
Courses approved by advisor; at least 4 hours must be taken in the College of Education		
Educational Policy (EPOL or C&I)		8
~~Research methodology courses (MUS 534 and 12 hours of College of Education Research Specialization methodology courses.)~~		~~16~~
Courses approved by advisor; at least 4 hours must be taken in the College of Education		
Research Methodology		12
12 hours of 500-level research methodology courses from the College of Education.		
MUS 599	Thesis Research (min/max applied toward degree)	16-32
Total Hours		64

Other Requirements

Other requirements may overlap

Masters Degree Required for Admission to PhD?	Yes
Qualifying Exam Required:	Yes
Preliminary Exam Required:	Yes
Final Exam/Dissertation Defense Required:	Yes
Dissertation Deposit Required:	Yes
Minimum GPA:	3.0

Corresponding Degree	PhD Doctor of Philosophy

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

Yes

Student Learning Outcomes

The PhD in Music Education at Illinois emphasizes professional preparation for careers as researchers, music teacher educators, and leaders in the field. Doctoral students enroll in courses that provide depth and breadth in research approaches, theoretical and scholarly analysis, and opportunities to conduct research studies under the guidance of faculty members in music education and across campus. Participation in the MOSAIC Consortium, an ongoing scholarly community of doctoral students and faculty, is a critical part of the doctoral experience at Illinois.

Students in the PhD Program in Music Education will demonstrate knowledge of rigorous methods for conducting scholarly inquiry related to music teaching and learning. [Research]
Students in the PhD program in Music Education will contribute to the discovery of new evidence or the exercise of critical judgment in research and scholarship, applying and synthesizing key methodological and theoretical perspectives from their research course preparation. [Research]
Students in the PhD Program in Music Education will develop a research agenda for primary and secondary research emphases.[Research]
Students in the PhD Program in Music Education will demonstrate their ability to plan, implement, and reflect on college-level teaching. [Music Teacher Education]
Students in the PhD Program in Music Education will apply understanding of educational philosophy, curriculum design, methods of teaching and evaluation, and supervision of study teaching to undergraduate music teacher preparation.[Music Teacher Education]
Students in the PhD Program in Music Education will exhibit leadership in areas of vital importance to the field,such as curricular reform, music teacher education, community music, and social justice. [Professional Leadership]

Did you make any revisions to the learning outcomes you copied and pasted from the current academic catalog?

No

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program Description and Requirements

Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective Admissions Term: Fall 2025

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

No impact.

Estimated Annual Number of Degrees Awarded

Year One Estimate	5th Year Estimate (or when fully implemented)

What is the matriculation term for this program?

Fall

Budget

Are there budgetary: No

implications for this revision?

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

No financial impact to the unit.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

Graduate FAA Differential

Are you seeking a change in the tuition rate or differential for this program?

No

Is this program requesting self-supporting status?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

No impact to faculty.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

Library’s resources, collections, and services are sufficient to meet the needs of the program outlined in this proposal, due to the changes being administrative in nature.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name

PHD: Music Education -UIUC

Program Code: 10KS0168PHD

Minor Code	Conc Code	Degree Code	PHD Major Code
0168			

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date

Effective Date:

Program Reviewer Comments

Mary Lowry (lowry) (01/16/24 11:44 am): Rollback: Please see email dated 1-16-24

Key: 397

Program Change Request

Date Submitted: 02/11/25 3:07 pm

Viewing: 10KL0030NONE : Crop Sciences, BS

Last edit: 03/26/25 3:10 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program
- Crop Sciences, BS
- Crop Sciences: Agroecology, BS
- Crop Sciences: Crop Agribusiness, BS
- Crop Sciences: Horticultural Food Systems, BS

Proposal Type:
Major (ex. Special Education)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. Gen Ed Review
3. 1802-CROPS Committee Chair
4. 1802-CROPS Head
5. KL Committee Chair
6. KL Dean
7. University Librarian
8. COTE Programs
9. Provost
10. Senate EPC
11. Senate
12. U Senate Conf
13. Board of Trustees
14. IBHE
15. HLC
16. DMI

Approval Path

1. 02/18/25 2:58 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/21/25 10:44 am Melissa Steinkoenig (menewell): Approved for Gen Ed Review
3. 02/26/25 11:08 am Kris Lambert (knlamber): Approved for 1802-CROPS Committee Chair
4. 02/26/25 11:26 am

Adam Davis (asdavis1): Approved for 1802-CROPS Head

5. 03/03/25 9:06 am Brianna Gregg (bjgray2): Approved for KL Committee Chair
6. 03/03/25 9:15 am Anna Ball (aball): Approved for KL Dean
7. 03/06/25 9:58 am Tom Teper (tteper): Approved for University Librarian
8. 03/06/25 10:08 am Suzanne Lee (suzannel): Approved for COTE Programs
9. 03/12/25 3:23 pm Brooke Newell (bsnewell): Approved for Provost

Administration Details

Official Program Name	Crop Sciences, BS
Diploma Title	Bachelor of Science in Crop Sciences
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Crop Sciences
Sponsor Name	Kris Lambert
Sponsor Email	knlamber@illinois.edu
College Contact	Brianna Gregg

College Contact

Email	bjgray2@illinois.edu
College Budget Officer	
College Budget Officer Email	

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Bachelor of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

This BS proposal (key 484) is related to all of the concentrations in the major of Crop Sciences, including Agroecology (key 639), Crop Agribusiness (key 762), and Horticulture Food Systems (key 536).

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. ALEC 115 was added as an option to complete the communication option.

2. The footnote for ACE 100 or ECON 102 was removed.

3. The formatting of the program of study (POS) and additional text was modified (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template.

4. RHET 105 was removed from specifically being noted in the program of study.

5. CMN 111 & 112 were added to the POS table as options for the Composition I requirement.

6. We gave titles (e.g., Calculus Option) to "Select ____ of the following:" requirement options.

7. We adjusted hours on electives and gen eds students must take on sample sequence.

8. Section titles were slightly updated (e.g., Concentration Required --> Agroecology Core and Crop Sciences Core --> Major Core) and others were added (e.g., Department Foundation and Major Core).

9. We removed the hours included on some of the old section titles.

10. CHEM 102 & CHEM 103 were pulled into the Department Foundation section.

11. We pulled the old Crop Sciences Core section from the concentrations, renamed it, and added it as the Major Core to the POS table.

12. We added a Concentration Core table that includes each concentration and their links to their Academic Catalog pages.

13. We added "ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence." under the Graduation Requirements.

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students.

2. The footnote was removed as footnotes are not accessible, and the Biological Sciences Concentration that the footnotes referenced has been deactivated.

3. These modifications were made per the Office of the Provost General Education's initiative for transparency and accessibility in degree programs.

4. RHET 105 was removed because students should follow the campus guidelines for Composition I placement.

5. We added CMN 111 & 112 to the program of study table since this combination meets the speech requirement of the college and composition general education requirement.

6. Titling these options makes it easier for students to make note of them on the sample sequence.

7. We adjusted hours on electives and gen eds students must take on sample sequence to meet the 126-hour total requirement needed to graduate.

8. These titles were changed and/or added to better describe the different sections of the curriculum and to increase transparency of the program requirements.

9. We removed the credit hours from section titles because the hours that students take to complete the program can vary, so we just removed them to eliminate confusion.

10. CHEM 102 & CHEM 103 are required for all concentrations, so listing them attached to the department foundation allows for transparency across the concentrations about how they differ and are the same.

11. We added the Major Core section to show which more Crop Science-related coursework is required for all Crop Science students.

12. For increased transparency and ease of reading the degree requirements for each major, each concentration and its name are linked to their Academic Catalog pages from the major page.

13. This requirement exists for each Crop Sciences concentration, but it wasn't previously listed

on the Crop Sciences, BS degree requirements.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

RHET 105 - Writing and Research
CMN 111 - Oral & Written Comm I
CMN 112 - Oral & Written Comm II
ALEC 115 - Talk About Food, Ag, Env

Please attach any letters of support/ acknowledgement for any Instructional Resources. Consider faculty, students, and/or other impacted units as appropriate.

Letter of Support_CMN 111 & 112.pdf
Letter of Acknowledgement_RHET 105.pdf
Letter of Support_ALEC 115.pdf
Letter of Acknowledgement_ALEC 115 for CMN.pdf

Program Features

Academic Level	Undergraduate
Does this major have transcripted concentrations?	Yes

Concentrations

Concentrations(s)

Concentrations(s)
Crop Sciences: Agroecology, BS
Crop Sciences: Crop Agribusiness, BS
Crop Sciences: Horticultural Food Systems, BS

Will you admit to the concentration directly? Yes

Is a concentration required for graduation? Yes

What is the longest/maximum time to completion of this program?

4 years

What are the minimum Total Credit Hours required for this program?

126

CIP Code 011102 - Agronomy and Crop Science.

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hours of advanced level or courses with two or more prerequisites course work within the degree program:

a) Specifically required upper-level courses for the program of study:
CPSC 498 (1 credit hour)

b) Choices (i.e., "Select one of the following:") of required upper-level courses for the program of study:
Internship or Research Option - Choose 3 hours from the following:
CPSC 393 (1 to 5 credit hours)
CPSC 395 (1 to 4 credit hours)
HORT 393 (1 to 5 credit hours)
HORT 395 (1 to 4 credit hours)

c) Elective upper-level courses for the program of study:

Total upper-level hours = 4

The remaining 36 upper-level hours will come from upper-level concentration courses and free upper-level elective courses.

Revised programs

Side by Side_Crop Sciences, BS.xlsx
Sample Sequence_Crop Sciences, BS.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Statement for
Programs of Study
Catalog

Graduation Requirements
Minimum hours required for graduation: 126 hours.
ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence.
University Requirements
Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this

requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

~~Prescribed Courses including Campus~~

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in the program.

~~[1] ACE 100 or ECON 102 are not required for the Biological Sciences Concentration.~~

~~**Composition I and Speech**~~		
~~RHET 105~~	~~Writing and Research~~	~~4~~
~~or equivalent - see College Composition I requirement (3 or 4)~~		
~~CMN 101~~	~~Public Speaking~~	~~3~~
~~**Advanced Composition**~~		
~~Select from campus approved list.~~		~~3-4~~
~~**Cultural Studies**~~		
~~Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.~~		~~9~~
~~**Foreign Language**~~		
~~Coursework at or above the third level is required for graduation.~~		
~~**Quantitative Reasoning I**~~		
~~Select one of the following:~~		~~4-5~~
~~MATH 220~~	~~Calculus~~	
~~MATH 221~~	~~Calculus I~~	
~~MATH 234~~	~~Calculus for Business I~~	
~~**Quantitative Reasoning II**~~		
~~CPSC 241~~	~~Intro to Applied Statistics~~	~~3~~
~~**Natural Sciences and Technology**~~		
~~See Specific Concentration Requirements~~		
~~**Humanities and the Arts**~~		
~~Select from campus approved list~~		~~6~~
~~**Social and Behavioral Sciences**~~		
~~ACE 100~~	~~Introduction to Applied Microeconomics [1]~~	~~3-4~~
~~or ECON 102~~	~~Microeconomic Principles~~	

~~Select from campus approved list.~~		~~3-4~~
~~**ACES required**~~		
~~ACES 101~~	~~Contemporary Issues in ACES~~	~~2~~
~~**Required Concentration**~~		~~**58-79**~~
~~Concentration prescribed courses. See specific concentration requirements.~~		
~~**Total Hours**~~		~~**126**~~
Composition I		4-6
Advanced Composition		3
Humanities & the Arts (6 hours)		6
Natural Sciences & Technology (6 hours)		6
fulfilled by CHEM 102 and CPSC 112		
Social & Behavioral Sciences (6 hours)		6
fulfilled by ECON 102 or ACE 100 and any other course approved as Social & Behavioral Sciences		
Cultural Studies: Non-Western Cultures (1 course)		3
Cultural Studies: US Minority Cultures (1 course)		3
Cultural Studies: Western/Comparative Cultures (1 course)		3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)		6-8
fulfilled by MATH 220, MATH 221, or MATH 234, and CPSC 241		
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)		0-15
Department Foundation		
Communication Option:		3 or 6
CMN 101	Public Speaking	
ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
ACES 101	Contemporary Issues in ACES	2
ECON 102	Microeconomic Principles	3 or 4
or ACE 100	Introduction to Applied Microeconomics	
Calculus Option - Select one of the following:		4-5

MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
CPSC 241	Intro to Applied Statistics	3
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
Major Core		
CPSC 102	Foundational Skills in Crop Sciences	2
CPSC 112	Introduction to Crop Sciences	4
CPSC 212	Introduction to Plant Protection	4
Internship or Research Option - Choose 3 hours from the following:		3
CPSC 393	Crop Sciences Internship	
CPSC 395	Undergrad Research or Thesis	
HORT 393	Horticulture Internship	
HORT 395	Undergrad Research or Thesis	
CPSC 498	Crop Sci Professional Develpmt	1
Concentration Core		
Concentration prescribed courses. See specific requirements for the concentration listed below.		
Agroecology		
Crop Agribusiness		
Horticultural Food Systems		
Total Hours		**126**

Corresponding Degree	BS Bachelor of Science

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

Yes

Student Learning Outcomes

Students graduating with the B.S. in Crop Sciences should be able to:

1. Demonstrate knowledge in the key subject matter areas of applied plant biology; crop growth and development; crop management and protection; and soil science.

2. Demonstrate an ability to identify a problem and develop solutions using quantitative reasoning skills for analysis of biological data.

3. Demonstrate oral and written communication skills necessary to listen and make effective arguments, to share applied scientific concepts with the public, and to make use of a broad variety of media.

4. Demonstrate an ability to lead and function in multidisciplinary teams.

5. Demonstrate the ability to perform self-guided discovery in agricultural sciences, practicing skills of engagement to enhance intellectual curiosity.

Did you make any revisions to the learning outcomes you copied and pasted from the current academic catalog?

No

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program Description and Requirements
Attach Documents

Delivery Method

This program is

available:

On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective Admissions Term

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

There will be no impact on enrollment or degrees awarded.

Estimated Annual Number of Degrees Awarded

Year One Estimate	5th Year Estimate (or when fully implemented)

What is the matriculation term for this program?

Fall

Budget

Are there budgetary implications for this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

ACES Crop Sciences Department differential

Are you seeking a change in the tuition rate or differential for this program?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

There will be no impact on faculty resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

After consulting with the librarian for Crop Sciences, current Library resources, including collections and services, are sufficient and will not be significantly impacted by the revisions to this program.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/
Approval Notices

Non-EP Documentation

U Program Review
Comments

Rollback
Documentation and
Attachment

DMI Documentation

Attach Final
Approval Notices

U Program Review Comments KEY 484 Crop Sciences, BS 12_3_2024.docx

Banner/Codebook
Name

NONE:Crop Sciences -UIUC

Program Code: 10KL0030NONE

Minor Code	Conc Code	Degree Code	BS Major Code
0030			

Senate Approval
Date

Senate Conference
Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date

Effective Date:

Program Reviewer
Comments

Brooke Newell (bsnewell) (12/03/24 8:10 am): Rollback: U Program Review Comments attached in DMI Documentation section. Rollback requested per Brianna G.
Melissa Steinkoenig (menewell) (02/21/25 10:44 am): Gen Ed Table good
Brooke Newell (bsnewell) (03/06/25 4:17 pm): Revised justification per discussion with College and Dept Sponsor

Program Change Request

Date Submitted: 02/11/25 3:06 pm

Viewing: 10KL0031BS : Crop Sciences: Agroecology, BS

Last approved: 09/27/22 1:40 pm

Last edit: 03/26/25 3:11 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program	Crop Sciences: Agroecology, BS

Proposal Type:
Concentration (ex. Dietetics)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. 1802-CROPS Committee Chair
3. 1802-CROPS Head
4. KL Committee Chair
5. KL Dean
6. University Librarian
7. COTE Programs
8. Provost
9. Senate EPC
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. HLC
15. DMI

Approval Path

1. 02/18/25 2:58 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/18/25 4:07 pm Kris Lambert (knlamber): Approved for 1802-CROPS Committee Chair
3. 02/18/25 8:32 pm Adam Davis (asdavis1): Approved for 1802-CROPS Head
4. 02/19/25 2:34 pm Brianna Gregg

(bjgray2): Approved for KL Committee Chair
5. 02/19/25 3:00 pm Anna Ball (aball): Approved for KL Dean
6. 02/24/25 10:53 am Tom Teper (tteper): Approved for University Librarian
7. 02/24/25 11:16 am Suzanne Lee (suzannel): Approved for COTE Programs
8. 03/12/25 3:23 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Jun 10, 2019 by Deb Forgacs (dforgacs)
2. Oct 9, 2019 by Scott Bartlett (sbartlet)
3. Sep 27, 2022 by Lane Rayburn (arayburn)

Administration Details

Official Program Name	Crop Sciences: Agroecology, BS
Diploma Title	Bachelor of Science in Crop Sciences
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Crop Sciences

Sponsor Name	Kris Lambert
Sponsor Email	knlamber@illinois.edu
College Contact	Brianna Gregg
College Contact Email	bjgray2@illinois.edu
College Budget Officer	
College Budget Officer Email	

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Concentration in Agroecology in the Bachelor of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

This Agroecology concentration proposal (key 639) is related to the proposals for the BS in Crop Sciences (key 484) and the other concentrations in the major of Crop Sciences, including Crop Agribusiness (key 762) and Horticulture Food Systems (key 536).

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. ALEC 115 was added as an option to complete the communication option.

2. The footnote for ACE 100 or ECON 102 was removed.

3. The formatting of the program of study (POS) and additional text was modified (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template.

4. RHET 105 was removed from specifically being noted in the program of study.

5. CMN 111 & 112 were added to the POS table as options for the Composition I requirement.

6. We gave titles (e.g., Calculus Option) to "Select ____ of the following:" requirement options.

7. We adjusted hours on electives and gen eds students must take on sample sequence.

8. Section titles were slightly updated (e.g., Concentration Required --> Agroecology Core and Crop Sciences Core --> Major Core) and others were added (e.g., Department Foundation and Major Core).

9. We removed the hours included on some of the old section titles.

10. CHEM 102 & CHEM 103 were pulled into the Department Foundation section.

11. We pulled the old Crop Sciences Core section from the concentrations, renamed it, and added it as the Major Core to the POS table.

12. We moved the "ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence." from the POS table to the text above the POS table under Graduation Requirements.

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students.

2. The footnote was removed as footnotes are not accessible, and the Biological Sciences Concentration that the footnotes referenced has been deactivated.

3. These modifications were made per the Office of the Provost General Education's initiative for transparency and accessibility in degree programs.

4. RHET 105 was removed because students should follow the campus guidelines for Composition I placement.

5. We added CMN 111 & 112 to the program of study table since this combination meets the speech requirement of the college and composition general education requirement.

6. Titling these options makes it easier for students to make note of them on the sample sequence.

7. We adjusted hours on electives and gen eds students must take on sample sequence to meet the 126-hour total requirement needed to graduate.

8. These titles were changed and/or added to better describe the different sections of the curriculum and to increase transparency of the program requirements.

9. We removed the credit hours from section titles because the hours that students take to complete the program can vary, so we just removed them to eliminate confusion.

10. CHEM 102 & CHEM 103 are required for all concentrations, so listing them attached to the department foundation allows for transparency across the concentrations about how they differ and are the same.

11. We added the Major Core section to show which more Crop Science-related coursework is required for all Crop Science students.

12. This requirement fits better under the Graduation Requirements section rather than in the POS table, especially since students will likely meet this requirement naturally when completing the program.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

RHET 105 - Writing and Research
ALEC 115 - Talk About Food, Ag, Env
CMN 111 - Oral & Written Comm I
CMN 112 - Oral & Written Comm II

Please attach any letters of support/ acknowledgement for any Instructional Resources. Consider faculty, students, and/or other impacted units as appropriate.

Letter of Acknowledgement_RHET 105.pdf
Letter of Support_ALEC 115.pdf
Letter of Support_CMN 111 & 112.pdf
Letter of Acknowledgement_ALEC 115 for CMN.pdf

Program Features

Academic Level Undergraduate

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hours of advanced level or courses with two or more prerequisites course work within the degree program:

a) Specifically required upper-level courses for the program of study:
CPSC 498 (1 credit hour)
CPSC 382 (4 credit hours)
CPSC 431 (3 credit hours)
CPSC 437 (3 credit hours)
NRES 201 (4 credit hours) - Prerequisites: MATH 115, MATH 234, or equivalent and CHEM 102 is required

b) Choices (i.e., "Select one of the following:") of required upper-level courses for the program of study:
Internship or Research Option - Choose 3 hours from the following:
CPSC 393 (1 to 5 credit hours)
CPSC 395 (1 to 4 credit hours)
HORT 393 (1 to 5 credit hours)
HORT 395 (1 to 4 credit hours)

c) Elective upper-level courses for the program of study:
Choose from any 300 or 400 level CPSC, HORT, PLPA courses, excluding CPSC 393, HORT 393, CPSC 395, & HORT 395 (12 credit hours)

Total upper-level hours = 30

The remaining 10 upper-level hours will come from free upper-level elective courses.

Revised programs Side by Side_Crop Sciences, Agroecology, BS.xlsx
Sample Sequence_Crop Sciences, Agroecology, BS.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Statement for
Programs of Study
Catalog

Graduation Requirements

Minimum hours required for graduation: 126 hours.

ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in the program.

Composition I	4-6
Advanced Composition	3
Humanities & the Arts (6 hours)	6
Natural Sciences & Technology (6 hours)	6
fulfilled by CHEM 102, CHEM 104, and IB 103	
Social & Behavioral Sciences (6 hours)	6
fulfilled by ECON 102 or ACE 100 and any other course approved as Social & Behavioral Sciences	
Cultural Studies: Non-Western Cultures (1 course)	3
Cultural Studies: US Minority Cultures (1 course)	3
Cultural Studies: Western/Comparative Cultures (1 course)	3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)	6-8
fulfilled by MATH 220, MATH 221, or MATH 234, and CPSC 241	
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)	0-15

Department Foundation		
Communication Option:		3 or 6
CMN 101	Public Speaking	
ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
ACES 101	Contemporary Issues in ACES	2
ECON 102	Microeconomic Principles	3 or 4
or ACE 100	Introduction to Applied Microeconomics	
Calculus Option - Select one of the following:		4-5
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
CPSC 241	Intro to Applied Statistics	3
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
Major Core		
CPSC 102	Foundational Skills in Crop Sciences	2
CPSC 112	Introduction to Crop Sciences	4
CPSC 212	Introduction to Plant Protection	4
Internship or Research Option - Choose 3 hours from the following:		3
CPSC 393	Crop Sciences Internship	
CPSC 395	Undergrad Research or Thesis	
HORT 393	Horticulture Internship	
HORT 395	Undergrad Research or Thesis	
CPSC 498	Crop Sci Professional Develpmt	1
~~**Natural Sciences and Technology**~~		~~**8**~~
~~CHEM 102 & CHEM 103~~	~~General Chemistry I and General Chemistry Lab I~~	~~4~~
Agroecology Core		

CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4
~~**Crop Sciences Core**~~		~~**14**~~
~~CPSC 102~~	~~Foundational Skills in Crop Sciences~~	~~2~~
~~CPSC 112~~	~~Introduction to Crop Sciences~~	~~4~~
~~CPSC 212~~	~~Introduction to Plant Protection~~	~~4~~
~~Choose 3 hours from the following:~~		~~3~~
~~CPSC 393~~	~~Crop Sciences Internship~~	
~~CPSC 395~~	~~Undergrad Research or Thesis~~	
~~HORT 393~~	~~Horticulture Internship~~	
~~HORT 395~~	~~Undergrad Research or Thesis~~	
~~CPSC 498~~	~~Crop Sci Professional Develpmt~~	~~1~~
~~**Concentration Required**~~		~~**18**~~
CPSC 382	Organic Chem of Biol Processes	4
CPSC 431	Plants and Global Change	3
CPSC 437	Principles of Agroecology	3
IB 103	Introduction to Plant Biology	4
NRES 201	Introductory Soils	4
~~**Electives (12 Hrs):**~~		~~**12**~~
~~Choose from any 300 or 400 level CPSC, HORT, PLPA courses, excluding: CPSC 393, HORT 393, CPSC 395 & HORT 395:~~		
~~Total ACES prescribed and elective courses must total 35 hours, of which 20 hours must be completed in residence.~~		~~35~~
Concentration Electives		
Choose from any 300- or 400-level CPSC, HORT, PLPA courses, excluding CPSC 393, HORT 393, CPSC 395 & HORT 395		12
Total Hours		**126**

~~Agroecology Concentration Requirements~~

Program Relationships

Corresponding Program(s):

Corresponding Program(s)
Crop Sciences, BS

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

No

Student Learning Outcomes

Students graduating with the B.S. in Crop Sciences should be able to:

1. Demonstrate knowledge in the key subject matter areas of applied plant biology; crop growth and development; crop management and protection; and soil science.

2. Demonstrate an ability to identify a problem and develop solutions using quantitative reasoning skills for analysis of biological data.

3. Demonstrate oral and written communication skills necessary to listen and make effective arguments, to share applied scientific concepts with the public, and to make use of a broad variety of media.

4. Demonstrate an ability to lead and function in multidisciplinary teams.

5. Demonstrate the ability to perform self-guided discovery in agricultural sciences, practicing skills of engagement to enhance intellectual curiosity. ~~These modifications do not change the learning objectives.~~

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program Description and Requirements

Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

There will be no impact on enrollment or degrees awarded.

Budget

Are there budgetary implications for this revision? No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available? No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

There will be no impact on faculty resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

After consulting with the librarian for Crop Sciences, current Library resources, including collections and services, are sufficient and will not be significantly impacted by the revisions to this program.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices U Program Review Comments KEY 639 Crop Sciences Agroecology, BS 12_3_2024.docx

Banner/Codebook Name

BS:Crop Sci- Agroecology -UIUC

Program Code:	10KL0031BS				
Minor Code		Conc Code	0031	Degree Code	BS
					Major Code
0030					

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
DOE Approval Date	NA
Effective Date:	

Program Reviewer Comments	**Brooke Newell (bsnewell) (12/03/24 8:16 am):** Rollback: U Program Review Comments attached in DMI Documentation section. Rollback requested per Brianna G. **Brooke Newell (bsnewell) (03/06/25 4:17 pm):** Revised justification per discussion with College and Dept Sponsor

Key: 639

Program Change Request

Date Submitted: 02/11/25 3:06 pm

Viewing: 10KL0034BS : Crop Sciences: Crop Agribusiness, BS

Last approved: 09/27/22 1:41 pm

Last edit: 03/26/25 3:11 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program	Crop Sciences: Crop Agribusiness, BS

Proposal Type:
Concentration (ex. Dietetics)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. 1802-CROPS Committee Chair
3. 1802-CROPS Head
4. KL Committee Chair
5. KL Dean
6. University Librarian
7. COTE Programs
8. Provost
9. Senate EPC
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. HLC
15. DMI

Approval Path

1. 02/18/25 2:59 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/18/25 4:10 pm Kris Lambert (knlamber): Approved for 1802-CROPS Committee Chair
3. 02/18/25 8:33 pm Adam Davis (asdavis1): Approved for 1802-CROPS Head
4. 02/19/25 2:34 pm Brianna Gregg

(bjgray2): Approved for KL Committee Chair
5. 02/19/25 3:00 pm Anna Ball (aball): Approved for KL Dean
6. 02/24/25 10:53 am Tom Teper (tteper): Approved for University Librarian
7. 02/24/25 11:16 am Suzanne Lee (suzannel): Approved for COTE Programs
8. 03/12/25 3:23 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Jun 10, 2019 by Deb Forgacs (dforgacs)
2. Sep 27, 2022 by Lane Rayburn (arayburn)

Administration Details

Official Program Name	Crop Sciences: Crop Agribusiness, BS
Diploma Title	Bachelor of Science in Crop Sciences
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Crop Sciences
Sponsor Name	Kris Lambert
Sponsor Email	knlamber@illinois.edu

College Contact: Brianna Gregg

College Contact Email: bjgray2@illinois.edu

College Budget Officer:

College Budget Officer Email:

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term: Fall 2025

Effective Catalog: 2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Concentration in Crop Agribusiness in the Bachelor of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

This Crop Agribusiness concentration proposal (key 762) is related to the proposals for the BS in Crop Sciences (key 484) and the other concentrations in the major of Crop Sciences, including Agroecology (key 639) and Horticulture Food Systems (key 536).

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. ALEC 115 was added as an option to complete the communication option.

2. The footnote for ACE 100 or ECON 102 was removed.

3. The formatting of the program of study (POS) and additional text was modified (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template.

4. RHET 105 was removed from specifically being noted in the program of study.

5. CMN 111 & 112 were added to the POS table as options for the Composition I requirement.

6. We gave titles (e.g., Calculus Option) to "Select ____ of the following:" requirement options.

7. We adjusted hours on electives and gen eds students must take on sample sequence.

8. Section titles were slightly updated (e.g., Concentration Required --> Agroecology Core and Crop Sciences Core --> Major Core) and others were added (e.g., Department Foundation and Major Core).

9. We removed the hours included on some of the old section titles.

10. CHEM 102 & CHEM 103 were pulled into the Department Foundation section.

11. We pulled the old Crop Sciences Core section from the concentrations, renamed it, and added it as the Major Core to the POS table.

12. We moved the "ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence." from the POS table to the text above the POS table under Graduation Requirements.

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students.

2. The footnote was removed as footnotes are not accessible, and the Biological Sciences Concentration that the footnotes referenced has been deactivated.

3. These modifications were made per the Office of the Provost General Education's initiative for transparency and accessibility in degree programs.

4. RHET 105 was removed because students should follow the campus guidelines for Composition I placement.

5. We added CMN 111 & 112 to the program of study table since this combination meets the speech requirement of the college and composition general education requirement.

6. Titling these options makes it easier for students to make note of them on the sample sequence.

7. We adjusted hours on electives and gen eds students must take on sample sequence to meet the 126-hour total requirement needed to graduate.

8. These titles were changed and/or added to better describe the different sections of the curriculum and to increase transparency of the program requirements.

9. We removed the credit hours from section titles because the hours that students take to complete the program can vary, so we just removed them to eliminate confusion.

10. CHEM 102 & CHEM 103 are required for all concentrations, so listing them attached to the department foundation allows for transparency across the concentrations about how they differ and are the same.

11. We added the Major Core section to show which more Crop Science-related coursework is required for all Crop Science students.

12. This requirement fits better under the Graduation Requirements section rather than in the POS table, especially since students will likely meet this requirement naturally when completing the program.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

RHET 105 - Writing and Research
ALEC 115 - Talk About Food, Ag, Env
CMN 111 - Oral & Written Comm I
CMN 112 - Oral & Written Comm II

Please attach any letters of support/ acknowledgement for any Instructional Resources. Consider faculty, students, and/or other impacted units as appropriate.

Letter of Support_CMN 111 & 112.pdf
Letter of Acknowledgement_RHET 105.pdf
Letter of Support_ALEC 115.pdf
Letter of Acknowledgement_ALEC 115 for CMN.pdf

Program Features

Academic Level Undergraduate

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hours of advanced level or courses with two or more prerequisites course work within the degree program:

a) Specifically required upper-level courses for the program of study:
CPSC 498 (1 credit hour)
NRES 201 (4 credit hours) (prerequisites: MATH 115, MATH 234, or equivalent and CHEM 102 is required)

b) Choices (i.e., "Select one of the following:") of required upper-level courses for the program of study:
Internship or Research Option - Choose 3 hours from the following:
CPSC 393 (1 to 5 credit hours)
CPSC 395 (1 to 4 credit hours)
HORT 393 (1 to 5 credit hours)
HORT 395 (1 to 4 credit hours)

ACCY 200 or *ACCY 201* (3 credit hours) (prerequisites: ACE 100/ECON 102 and ECON 103)

NRES 474 or NRES 488 (3 credit hours)

c) Elective upper-level courses for the program of study:
Choose from any 300 or 400 level CPSC, HORT, PLPA courses, excluding CPSC 393, HORT 393, CPSC 395, & HORT 395 (12 credit hours)

Choose from any 300- or 400-level ACE course (6 credit hours)

Total upper-level hours = 32

The remaining 8 upper-level hours will come from free upper-level elective courses.

Revised programs Side by Side_Crop Sciences, Crop Agribusiness, BS.xlsx
Sample Sequence_Crop Sciences, Crop Agribusiness, BS.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Statement for
Programs of Study
Catalog

Graduation Requirements

Minimum hours required for graduation: 126 hours.

ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in the program.

Composition I	4-6
Advanced Composition	3
Humanities & the Arts (6 hours)	6
Natural Sciences & Technology (6 hours)	6
fulfilled by CHEM 102, CPSC 112, and IB 103	
Social & Behavioral Sciences (6 hours)	6
fulfilled by ECON 102 or ACE 100 and any other course approved as Social & Behavioral Sciences	
Cultural Studies: Non-Western Cultures (1 course)	3
Cultural Studies: US Minority Cultures (1 course)	3
Cultural Studies: Western/Comparative Cultures (1 course)	3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)	6-8
fulfilled by MATH 220, MATH 221, or MATH 234, and CPSC 241	
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)	0-15

Department Foundation

Communication Option:		3 or 6
CMN 101	Public Speaking	
ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
ACES 101	Contemporary Issues in ACES	2
ECON 102	Microeconomic Principles	3 or 4
or ACE 100	Introduction to Applied Microeconomics	
Calculus Option - Select one of the following:		4-5
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
CPSC 241	Intro to Applied Statistics	3
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
Major Core		
CPSC 102	Foundational Skills in Crop Sciences	2
CPSC 112	Introduction to Crop Sciences	4
CPSC 212	Introduction to Plant Protection	4
Internship or Research Option - Choose 3 hours from the following:		3
CPSC 393	Crop Sciences Internship	
CPSC 395	Undergrad Research or Thesis	
HORT 393	Horticulture Internship	
HORT 395	Undergrad Research or Thesis	
CPSC 498	Crop Sci Professional Develpmt	1
Crop Agribusiness Core		
~~CHEM 102 & CHEM 103~~	~~General Chemistry I and General Chemistry Lab I~~	~~4~~
ACCY 200	Fundamentals of Accounting	3
or ACCY 201	Accounting and Accountancy I	

ACE 222	Agricultural Marketing	3
ACE 231	Food and Agribusiness Mgt	3
ACE 232	Farm Management	3
IB 103	Introduction to Plant Biology	4
~~Crop Sciences Core~~		
~~CPSC 102~~	~~Foundational Skills in Crop Sciences~~	~~2~~
~~CPSC 112~~	~~Introduction to Crop Sciences~~	~~4~~
~~CPSC 212~~	~~Introduction to Plant Protection~~	~~4~~
~~Choose 3 hours from the following:~~		~~3~~
~~CPSC 393~~	~~Crop Sciences Internship~~	
~~CPSC 395~~	~~Undergrad Research or Thesis~~	
~~HORT 393~~	~~Horticulture Internship~~	
~~HORT 395~~	~~Undergrad Research or Thesis~~	
~~CPSC 498~~	~~Crop Sci Professional Develpmt~~	~~1~~
~~NonDepartmental Core~~		~~3~~
NRES 201	Introductory Soils	4
NRES 474	Soil and Water Conservation	3
or NRES 488	Soil Fertility and Fertilizers	
Concentration Electives		
Choose from any 300- or 400-level CPSC, HORT, or PLPA courses, excluding CPSC 393, HORT 393, CPSC 395, HORT 395 & PLPA 395		12
Choose from any 300- or 400-level ACE course		6
~~Total ACES prescribed and elective courses must total 35 hours, of which 20 must be completed in residence.~~		~~35~~
Total Hours		**126**

~~Crop-Agribusiness Concentration Requirements~~

Program Relationships

Corresponding Program(s):

Corresponding Program(s)

Corresponding Program(s)
Crop Sciences, BS

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

No

Student Learning Outcomes

Students graduating with the B.S. in Crop Sciences should be able to:

1. Demonstrate knowledge in the key subject matter areas of applied plant biology; crop growth and development; crop management and protection; and soil science.

2. Demonstrate an ability to identify a problem and develop solutions using quantitative reasoning skills for analysis of biological data.

3. Demonstrate oral and written communication skills necessary to listen and make effective arguments, to share applied scientific concepts with the public, and to make use of a broad variety of media.

4. Demonstrate an ability to lead and function in multidisciplinary teams.

5. Demonstrate the ability to perform self-guided discovery in agricultural sciences, practicing skills of engagement to enhance intellectual curiosity. ~~These modifications do not change the learning objectives.~~

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program Description and Requirements

Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

There will be no impact on enrollment or degrees awarded.

Budget

Are there budgetary implications for this revision? No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available? No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

There will be no impact on faculty resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

After consulting with the librarian for Crop Sciences, current Library resources, including collections and services, are sufficient and will not be significantly impacted by the revisions to this program.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices U Program Review Comments KEY 762 Crop Sciences Crop Agribusiness, BS 12_3_2024.docx

Banner/Codebook Name

BS:Crop Sci-Crop Agribus -UIUC

Program Code: 10KL0034BS

Minor Code	Conc Code	0034	Degree Code	BS
				Major Code
0030				

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
DOE Approval Date	NA
Effective Date:	

Program Reviewer Comments	**Brooke Newell (bsnewell) (12/03/24 8:20 am):** Rollback: U Program Review Comments attached in DMI Documentation section. Rollback requested per Brianna G. **Brooke Newell (bsnewell) (03/06/25 4:18 pm):** Revised justification per discussion with College and Dept Sponsor

Key: 762

Program Change Request

Date Submitted: 02/11/25 3:07 pm

Viewing: 10KL5560BS : Crop Sciences: Horticultural Food Systems, BS

Last approved: 09/27/22 3:15 pm

Last edit: 03/26/25 3:12 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program	Crop Sciences: Horticultural Food Systems, BS

Proposal Type:
Concentration (ex. Dietetics)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. 1802-CROPS Committee Chair
3. 1802-CROPS Head
4. KL Committee Chair
5. KL Dean
6. University Librarian
7. COTE Programs
8. Provost
9. Senate EPC
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. HLC
15. DMI

Approval Path

1. 02/18/25 3:00 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/18/25 4:08 pm Kris Lambert (knlamber): Approved for 1802-CROPS Committee Chair
3. 02/18/25 8:33 pm Adam Davis (asdavis1): Approved for 1802-CROPS Head
4. 02/19/25 2:34 pm Brianna Gregg

(bjgray2): Approved for KL Committee Chair
5. 02/19/25 3:00 pm Anna Ball (aball): Approved for KL Dean
6. 02/24/25 10:53 am Tom Teper (tteper): Approved for University Librarian
7. 02/24/25 11:16 am Suzanne Lee (suzannel): Approved for COTE Programs
8. 03/12/25 3:23 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Jan 18, 2019 by Deb Forgacs (dforgacs)
2. Nov 12, 2019 by Deb Forgacs (dforgacs)
3. Jan 27, 2020 by Scott Bartlett (sbartlet)
4. Apr 2, 2020 by Scott Bartlett (sbartlet)
5. Sep 27, 2022 by Lane Rayburn (arayburn)

Administration Details

Official Program Name	Crop Sciences: Horticultural Food Systems, BS

Diploma Title	Bachelor of Science in Crop Sciences
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Crop Sciences
Sponsor Name	Kris Lambert
Sponsor Email	knlamber@illinois.edu
College Contact	Brianna Gregg
College Contact Email	bjgray2@illinois.edu
College Budget Officer	
College Budget Officer Email	

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Concentration in Horticultural Food Systems in the Bachelor of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

This Horticulture Food Systems (key 536) concentration proposal is related to the proposals for the BS in Crop Sciences (key 484) and the other concentrations in the major of Crop Sciences, including Agroecology (key 639) and Crop Agribusiness (key 762).

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. ALEC 115 was added as an option to complete the communication option.

2. The footnote for ACE 100 or ECON 102 was removed.

3. The formatting of the program of study (POS) and additional text was modified (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template.

4. RHET 105 was removed from specifically being noted in the program of study.

5. CMN 111 & 112 were added to the POS table as options for the Composition I requirement.

6. We gave titles (e.g., Calculus Option) to "Select ____ of the following:" requirement options.

7. We adjusted hours on electives and gen eds students must take on sample sequence.

8. Section titles were slightly updated (e.g., Concentration Required --> Agroecology Core and Crop Sciences Core --> Major Core) and others were added (e.g., Department Foundation and Major Core).

9. We removed the hours included on some of the old section titles.

10. CHEM 102 & CHEM 103 were pulled into the Department Foundation section.

11. We pulled the old Crop Sciences Core section from the concentrations, renamed it, and added it as the Major Core to the POS table.

12. We removed the "Total Required Concentration Hours:" and "Choose from any CPSC, HORT or PLPA courses" lines from the bottom of the POS table.

13. We moved the "ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence." from the POS table to the text above the POS table under Graduation Requirements.

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students.

2. The footnote was removed as footnotes are not accessible, and the Biological Sciences Concentration that the footnotes referenced has been deactivated.

3. These modifications were made per the Office of the Provost General Education's initiative for transparency and accessibility in degree programs.

4. RHET 105 was removed because students should follow the campus guidelines for Composition I placement.

5. We added CMN 111 & 112 to the program of study table since this combination meets the speech requirement of the college and composition general education requirement.

6. Titling these options makes it easier for students to make note of them on the sample sequence.

7. We adjusted hours on electives and gen eds students must take on sample sequence to meet the 126-hour total requirement needed to graduate.

8. These titles were changed and/or added to better describe the different sections of the curriculum and to increase transparency of the program requirements.

9. We removed the credit hours from section titles because the hours that students take to complete the program can vary, so we just removed them to eliminate confusion.

10. CHEM 102 & CHEM 103 are required for all concentrations, so listing them attached to the department foundation allows for transparency across the concentrations about how they differ and are the same.

11. We added the Major Core section to show which more Crop Science-related coursework is required for all Crop Science students.

12. These lines weren't in the other concentration tables, so we removed them to keep cohesiveness among the concentrations.

13. This requirement fits better under the Graduation Requirements section rather than in the POS table, especially since students will likely meet this requirement naturally when completing

the program.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

RHET 105 - Writing and Research
ALEC 115 - Talk About Food, Ag, Env
CMN 111 - Oral & Written Comm I
CMN 112 - Oral & Written Comm II

Please attach any letters of support/ acknowledgement for any Instructional Resources. Consider faculty, students, and/or other impacted units as appropriate.

Letter of Acknowledgement_ALEC 115 for CMN.pdf
Letter of Acknowledgement_RHET 105.pdf
Letter of Support_CMN 111 & 112.pdf
Letter of Support_ALEC 115.pdf

Program Features

Academic Level Undergraduate

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hours of advanced level or courses with two or more prerequisites course work within the degree program:

a) Specifically required upper-level courses for the program of study:
CPSC 498 (1 credit hour)
CPSC 382 (4 credit hours)
HORT 341 (4 credit hours)
NRES 201 (4 credit hours) (prerequisites: MATH 115, MATH 234, or equivalent and CHEM 102 is required)

b) Choices (i.e., "Select one of the following:") of required upper-level courses for the program of study:
Internship or Research Option - Choose 3 hours from the following: (3 credit hours)
CPSC 393 (1 to 5 credit hours)
CPSC 395 (1 to 4 credit hours)
HORT 393 (1 to 5 credit hours)
HORT 395 (1 to 4 credit hours)

c) Elective upper-level courses for the program of study:
Choose from any 300 or 400 level CPSC, HORT, PLPA courses, excluding CPSC 393, HORT 393, CPSC 395, & HORT 395 (15 credit hours)

Total upper-level hours = 31

The remaining 9 upper-level hours will come from free upper-level elective courses.

Revised programs
Side by Side_Crop Sciences, Horticultural Food Systems, BS.xlsx
Sample Sequence_Crop Sciences, Horticultural Food Systems, BS.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Statement for
Programs of Study
Catalog

Graduation Requirements

Minimum hours required for graduation: 126 hours.

ACES prescribed and elective courses: 35 hours, of which 20 hours must be completed in residence.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in the program.

Composition I	4-6
Advanced Composition	3
Humanities & the Arts (6 hours)	6
Natural Sciences & Technology (6 hours)	6
fulfilled by CHEM 102, CHEM 104, and CPSC 112	
Social & Behavioral Sciences (6 hours)	6
fulfilled by ECON 102 or ACE 100 and any other course approved as Social & Behavioral Sciences	
Cultural Studies: Non-Western Cultures (1 course)	3
Cultural Studies: US Minority Cultures (1 course)	3
Cultural Studies: Western/Comparative Cultures (1 course)	3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)	6-8
fulfilled by MATH 220, MATH 221 or MATH 234, and CPSC 241	
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)	0-15
Department Foundation	
Communication Option:	3 or 6
CMN 101 Public Speaking	

ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
ACES 101	Contemporary Issues in ACES	2
ECON 102	Microeconomic Principles	3 or 4
or ACE 100	Introduction to Applied Microeconomics	
Calculus Option - Select one of the following:		4-5
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
CPSC 241	Intro to Applied Statistics	3
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
Major Core		
CPSC 102	Foundational Skills in Crop Sciences	2
CPSC 112	Introduction to Crop Sciences	4
CPSC 212	Introduction to Plant Protection	4
Internship or Research Option - Select one of the following:		3
CPSC 393	Crop Sciences Internship	
CPSC 395	Undergrad Research or Thesis	
HORT 393	Horticulture Internship	
HORT 395	Undergrad Research or Thesis	
CPSC 498	Crop Sci Professional Develpmt	1
~~**Natural Science and Technology Required**~~		~~**8**~~
~~CHEM 102 & CHEM 103~~	~~General Chemistry I and General Chemistry Lab I~~	~~4~~
Horticultural Food Systems Core		
CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4
~~**CPSC Core Courses:**~~		~~**14**~~
~~CPSC 102~~	~~Foundational Skills in Crop Sciences~~	~~2~~

~~CPSC 112~~	~~Introduction to Crop Sciences~~	~~4~~
~~CPSC 212~~	~~Introduction to Plant Protection~~	~~4~~
~~Choose 3 hours from the following:~~		
~~CPSC 393~~	~~Crop Sciences Internship~~	
~~CPSC 395~~	~~Undergrad Research or Thesis~~	
~~HORT 393~~	~~Horticulture Internship~~	
~~HORT 395~~	~~Undergrad Research or Thesis~~	
~~CPSC 498~~	~~Crop Sci Professional Develpmt~~	~~1~~
~~**Concentration Requirments:**~~		~~**18**~~
CPSC 382	Organic Chem of Biol Processes	4
HORT 100	Introduction to Horticulture	3
HORT 205	Local Food Systems	3
HORT 341	Greenhouse Mgmt and Production	4
NRES 201	Introductory Soils	4
~~**Concentration Electives (15hrs)**~~		~~**15**~~
Concentration Electives		
Choose from any 300- or 400-level CPSC, HORT, or PLPA courses, excluding CPSC 393, CPSC 395, HORT 393 and HORT 395.		15
~~Total ACES prescribed and elective hours must total 35 hours, of which 20 must be completed in residence.~~		
~~**Total Required Concentration Hours:**~~		~~**46**~~
~~Choose from any CPSC, HORT or PLPA courses~~		
Total Hours		**126**

~~Horticultural Food Systems Concentration Requirements~~

Program Relationships

Corresponding Program(s):

Corresponding Program(s)
Crop Sciences, BS

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

No

Student Learning Outcomes

Students graduating with the B.S. in Crop Sciences should be able to:

1. Demonstrate knowledge in the key subject matter areas of applied plant biology; crop growth and development; crop management and protection; and soil science.

2. Demonstrate an ability to identify a problem and develop solutions using quantitative reasoning skills for analysis of biological data.

3. Demonstrate oral and written communication skills necessary to listen and make effective arguments, to share applied scientific concepts with the public, and to make use of a broad variety of media.

4. Demonstrate an ability to lead and function in multidisciplinary teams.

5. Demonstrate the ability to perform self-guided discovery in agricultural sciences, practicing skills of engagement to enhance intellectual curiosity. ~~These modifications do not change the learning objectives~~

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program
Description and
Requirements

Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

There will be no impact on enrollment or degrees awarded.

Budget

Are there budgetary implications for this revision? No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

Will the unit need to seek campus or other external resources?

No

Attach letters of

support

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

There will be no impact on faculty resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

After consulting with the librarian for Crop Sciences, current Library resources, including collections and services, are sufficient and will not be significantly impacted by the revisions to this program.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices U Program Review Comments KEY 536 Crop Sciences Horticultural Food Systems, BS 12_3_2024.docx

Banner/Codebook Name

BS:Crop Sciences - HFS -UIUC

Program Code: 10KL5560BS

Minor Code	Conc Code	5560	Degree Code	Major Code

0030	
Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
DOE Approval Date	NA
Effective Date:	

Program Reviewer Comments	**Brooke Newell (bsnewell) (12/04/24 6:25 am):** Rollback: U Program Review Comments attached in DMI Documentation section. Rollback requested per Brianna G. **Brooke Newell (bsnewell) (03/06/25 4:18 pm):** Revised justification per discussion with College and Dept Sponsor

Key: 536

Program Change Request

Date Submitted: 02/11/25 3:10 pm

Viewing: 10KL0177BS : Agronomy, BS

Last approved: 10/21/21 3:08 pm

Last edit: 03/26/25 3:11 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program: Agronomy, BS

Proposal Type:
Major (ex. Special Education)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. Gen Ed Review
3. 1802-CROPS Committee Chair
4. 1802-CROPS Head
5. KL Committee Chair
6. KL Dean
7. University Librarian
8. COTE Programs
9. Provost
10. Senate EPC
11. Senate
12. U Senate Conf
13. Board of Trustees
14. IBHE
15. HLC
16. DMI

Approval Path

1. 02/18/25 3:33 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/21/25 10:45 am Melissa Steinkoenig (menewell): Approved for Gen Ed Review
3. 02/26/25 11:08 am Kris Lambert (knlamber): Approved for 1802-CROPS Committee Chair
4. 02/26/25 11:26 am

Adam Davis (asdavis1): Approved for 1802-CROPS Head

5. 03/03/25 9:07 am Brianna Gregg (bjgray2): Approved for KL Committee Chair
6. 03/03/25 9:15 am Anna Ball (aball): Approved for KL Dean
7. 03/06/25 9:59 am Tom Teper (tteper): Approved for University Librarian
8. 03/06/25 10:08 am Suzanne Lee (suzannel): Approved for COTE Programs
9. 03/12/25 3:23 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Oct 21, 2021 by Scott Bartlett (sbartlet)

Administration Details

Official Program Name	Agronomy, BS
Diploma Title	Bachelor of Science in Agronomy
Sponsor College	Agr, Consumer, & Env Sciences

Sponsor Department	Crop Sciences
Sponsor Name	Kris Lambert ~~A.Lane Rayburn~~
Sponsor Email	knlamber@illinois.edu ~~arayburn@illinois.edu~~
College Contact	Brianna Gregg
College Contact Email	bjgray2@illinois.edu
College Budget Officer	
College Budget Officer Email	

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Bachelor of Science in Agronomy in the College of Agricultural, Consumer and Environmental Sciences

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. ALEC 115 was added as an option to complete the communication option.

2. The formatting of the program of study (POS) and additional text was modified (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template.

3. RHET 105 was removed from specifically being noted in the program of study.

4. We gave titles (e.g., Communication Option) to "Select ____ of the following:" requirement options.

5. We adjusted hours on electives and gen eds students must take on sample sequence.

6. We removed the hours included on some of the old section titles.

7. We added ECON 102 as an or class of ACE 100.

8. We would like to increase the minimum number of hours for the internship/research/thesis option to be 3 hours instead of 2-3 hours.

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students.

2. These modifications were made per the Office of the Provost General Education's initiative for transparency and accessibility in degree programs.

3. RHET 105 was removed because students should follow the campus guidelines for Composition I placement.

4. Titling these options makes it easier for students to make note of them on the sample sequence.

5. We adjusted hours on electives and gen eds students must take on sample sequence to meet the 126-hour total requirement needed to graduate.

6. We removed the credit hours from section titles because the hours that students take to complete the program can vary, so we just removed them to eliminate confusion.

7. Credit is not given for both ACE 100 and ECON 102, so students should be aware that they can take either course to earn the credit for this program.

8. We believe the experience of an internship/research/thesis should be at a minimum of 3 hours worth of content to better apply the principles learned in the classroom in the experience and to have a longer, more quality experience for the student.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

RHET 105 - Writing and Research
ALEC 115 - Talk About Food, Ag, Env
ECON 102 - Microeconomic Principles
ACE 100 - Intro to Applied Micro

Please attach any letters of support/ acknowledgement for any Instructional Resources. Consider faculty, students, and/or other impacted units as appropriate.

Letter of Acknowledgement_RHET 105.pdf
Letter of Support_ALEC 115.pdf
Letter of Acknowledgement_ALEC 115 for CMN.pdf
Letter of Acknowledgement_ACE 100_Agronomy & Plant Biotechnology Curricula.pdf
Letter of Support_ECON 102_Agronomy & Plant Biotechnology Curricula.pdf

Program Features

Academic Level: Undergraduate

Does this major have transcripted concentrations? No

What is the longest/maximum time to completion of this program?

4 years ~~8 semesters~~

What are the minimum Total Credit Hours required for this program?

126

CIP Code: 011102 - Agronomy and Crop Science.

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hours of advanced level or courses with two or more prerequisites course work within the degree program:

a) Specifically required upper-level courses for the program of study:

NRES 201 (4 credit hours) - Prerequisites: MATH 115, MATH 234, or equivalent and CHEM 102 is required
CPSC 336 (3 credit hours)
CPSC 352 (4 credit hours)
CPSC 382 (4 credit hours)
CPSC 418 (3 credit hours)
CPSC 498 (1 credit hour)

b) Choices (i.e., "Select one of the following:") of required upper-level courses for the program of study:

Internship or Research/Thesis Option - Select one of the following: (3 credit hours)
CPSC 393
HORT 393
CPSC 395
HORT 395
PLPA 395

c) Elective upper-level courses for the program of study:

Choose 15 hours from any 300- or 400- level CPSC, HORT, or PLPA courses, excluding CPSC 393, HORT 393, CPSC 395, HORT 395 & PLPA 395.

Total upper-level hours = 37

The remaining 3 upper-level credit hours needed will be fulfilled with upper-level free electives.

Revised programs
Side by Side_Agronomy, BS.xlsx
Sample Sequence_Agronomy, BS.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Agronomy is the fundamental agricultural science: managing multiple parts of agricultural systems to sustainability and economically meet the growing need for food, fuel and fiber. The agronomy major provides a foundation that by necessity integrates the science and practice of agricultural production through courses in plant biology, genetics, weed and pest management, soil science, environmental quality, and agricultural management practices. The program also offers many opportunities to participate in research and internships. This curriculum prepares students for careers in agricultural sciences as well as for entrance into graduate and professional schools. Our students pursue employment in scientific research or fields related to agronomy including crop consulting, soil and crop management, international food security and agricultural development, and science policy.

Is the overview text above correct?

Yes

Statement for Programs of Study Catalog

Graduation Requirements

Minimum hours required for graduation: 126 hours.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. ~~Major Requirements~~ Some Gen Ed requirements may be met by courses required and/or electives in the program.

~~**ACES Requirements**~~		~~**0-2**~~
~~ACES 101~~	~~Contemporary Issues in ACES~~	
~~or ACES 200~~	~~ACES Transfer Orientation~~	
~~**Composition I and Speech**~~		~~**6 to 7**~~
~~RHET 105 & CMN 101~~	~~Writing and Research and Public Speaking~~	
~~OR~~		
~~CMN 111 & CMN 112~~	~~Oral & Written Comm I and Oral & Written Comm II~~	
~~**Advanced Composition**~~		~~**3 to 4**~~

~~**Cultural Studies**~~		~~**9**~~
~~Western/Comparative Cultures~~		
~~Non-Western Cultures~~		
~~US Minority Cultures~~		
~~**Foreign Language**~~	~~**Third Level or Above**~~	
~~**Quantitative Reasoning I**~~		~~**4 to 5**~~
~~MATH 220~~	~~Calculus~~	
~~or MATH 221~~	~~Calculus I~~	
~~or MATH 234~~	~~Calculus for Business I~~	
~~**Quantitative Reasoning II**~~		~~**3**~~
~~CPSC 241~~	~~Intro to Applied Statistics~~	
~~**Natural Sciences and Technology**~~		~~**8**~~
~~CHEM 102 & CHEM 103~~	~~General Chemistry I and General Chemistry Lab I~~	
~~CHEM 104 & CHEM 105~~	~~General Chemistry II and General Chemistry Lab II~~	
~~**Humanities and the Arts**~~		~~**6**~~
~~**Social and Behavioral Sciences**~~		~~**7 to 8**~~
~~ACE 100~~	~~Introduction to Applied Microeconomics~~ [1]	
~~**Total Hours for Gen Ed Requirements**~~		~~**46-50**~~
Composition I		4-6
Advanced Composition		3
Humanities & the Arts (6 hours)		6
Natural Sciences & Technology (6 hours)		6
fulfilled by CHEM 102, CHEM 104, IB 103, IB 150, and CPSC 112		
Social & Behavioral Sciences (6 hours)		6
fulfilled by ECON 102 or ACE 100 and any other course approved as Social & Behavioral Sciences		
Cultural Studies: Non-Western Cultures (1 course)		3
Cultural Studies: US Minority Cultures (1 course)		3
Cultural Studies: Western/Comparative Cultures (1 course)		3

Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)		6-8
fulfilled by MATH 220, MATH 221, or MATH 234, and CPSC 241		
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)		0-15
~~**Non-Departmental Core Requirements**~~		~~**12**~~
Departmental Foundation		
Communication Option:		3 or 6
CMN 101	Public Speaking	
ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
ACES 101	Contemporary Issues in ACES	2
or ACES 200	ACES Transfer Orientation	
Calculus Option - Select one of the following:		4-5
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4
ECON 102	Microeconomic Principles	3 or 4
or ACE 100	Introduction to Applied Microeconomics	
CPSC 241	Intro to Applied Statistics	3
Major Core		
CPSC 102	Foundational Skills in Crop Sciences	2
CPSC 112	Introduction to Crop Sciences	4
CPSC 212	Introduction to Plant Protection	4
~~Internship or Research/Thesis (choose one):~~		~~2-3~~

CPSC 498	Crop Sci Professional Develpmt	1
IB 103	Introduction to Plant Biology	4
IB 150	Organismal & Evolutionary Biol	4
NRES 201	Introductory Soils	4
~~Crop Sciences Core Requirements~~		~~13-14~~
Internship or Research/Thesis Option - Select one of the following:		3
CPSC 393	Crop Sciences Internship	
HORT 393	Horticulture Internship	
CPSC 395	Undergrad Research or Thesis	
HORT 395	Undergrad Research or Thesis	
PLPA 395	Undergrad Research or Thesis	
Agronomy Requirements		
CPSC 336	Tomorrow's Environment	3
CPSC 352	Plant Genetics	4
CPSC 382	Organic Chem of Biol Processes	4
CPSC 418	Crop Growth and Management	3
Major Electives		
Choose 15 hours from any 300- or 400- level CPSC, HORT, or PLPA courses, excluding CPSC 393, HORT 393, CPSC 395, HORT 395 & PLPA 395.		
~~Total Hours~~		~~126~~
Total Hours		**126**

Corresponding Degree	BS Bachelor of Science

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

No

Student Learning Outcomes

Learning Objectives

1. Students will demonstrate proficiency in the areas of crop production, plant breeding, pathogen control, soil and nutrient management, genetics and genomics, environmental quality, and data analysis.
2. Students will gain leadership skills through team-based science in an experiential learning context to become leaders in scientific fields.
3. Students will communicate agronomy content to the public using traditional and 21st century media platforms.
4. Students will discover how agronomy can be used as the foundation to solve global and regional food security challenge, and how agronomy is an ever-evolving field poised to meet the demand for food of a growing population.
5. Students will develop professional networks that will enhance future career choices. ~~Not applicable.~~

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program Description and Requirements

Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective

Admissions Term

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

The minimum GPA for admission consideration is 2.50 (A=4.00). Transfer coursework equivalent to the University of Illinois courses listed in bold, red italics must be successfully completed prior to the desired term of entry.

Sophomore-level transfer admission requires completion of transfer coursework equivalent to the following University of Illinois courses:
CHEM 101, Introductory Chemistry or an introductory chemistry course with Lab
MATH 112, Algebra or higher1

Junior-level transfer admission requires completion of transfer coursework equivalent to the following
University of Illinois courses:
CHEM 102, General Chemistry I and CHEM 103, General Chemistry Lab I
CHEM 104, General Chemistry II and CHEM 105, General Chemistry Lab II
MATH 220, Calculus or MATH 234, Calculus for Business I

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

There will be no impact on enrollment or degrees awarded.

Estimated Annual Number of Degrees Awarded

Year One Estimate	0	5th Year Estimate (or when fully implemented)
30		

What is the matriculation term for this program?

Fall

Budget

Are there budgetary implications for this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

As this program is currently offered as a collection of four closely related concentrations under an existing major, the existing infrastructure exists with the Department of Crop Sciences to support the program.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

Same as Crop Sciences

Are you seeking a change in the tuition rate or differential for this program?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

There will be no impact on faculty resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

After consulting with the librarian for Crop Sciences, current Library resources, including collections and services, are sufficient and will not be significantly impacted by the revisions to this program.

EP Documentation

EP Control Number: EP.25.077

Attach Rollback/ Approval Notices:

Non-EP Documentation

U Program Review Comments:

Rollback Documentation and Attachment:

DMI Documentation

Attach Final Approval Notices: U Program Review Comments KEY 960 Agronomy, BS 12_3_2024.docx

Banner/Codebook Name:

BS: Agronomy - UIUC

Program Code: 10KL0177BS

Minor Code	Conc Code	Degree Code	BS Major Code
0177			

Senate Approval Date:

Senate Conference Approval Date:

BOT Approval Date:

IBHE Approval Date:

HLC Approval Date:

DOE Approval Date

Effective Date:

Program Reviewer Comments	**Brooke Newell (bsnewell) (12/03/24 7:57 am):** Rollback: U Program Review Comments attached in DMI Documentation section. Rollback requested per Brianna G. **Melissa Steinkoenig (menewell) (02/21/25 10:45 am):** Gen Ed Table good **Brooke Newell (bsnewell) (03/06/25 3:51 pm):** Revised justification per discussion with College and Dept Sponsor

Key: 960

Program Change Request

Date Submitted: 02/11/25 3:10 pm

Viewing: 10KL5461BS : Plant Biotechnology, BS

Last approved: 10/16/20 8:54 am

Last edit: 03/26/25 3:11 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program	Plant Biotechnology, BS

Proposal Type:

Major (ex. Special Education)

This proposal is for a:

Revision

In Workflow

1. U Program Review
2. Gen Ed Review
3. 1802-CROPS Committee Chair
4. 1802-CROPS Head
5. KL Committee Chair
6. KL Dean
7. University Librarian
8. COTE Programs
9. Provost
10. Senate EPC
11. Senate
12. U Senate Conf
13. Board of Trustees
14. IBHE
15. HLC
16. DMI

Approval Path

1. 02/18/25 3:40 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/21/25 10:45 am Melissa Steinkoenig (menewell): Approved for Gen Ed Review
3. 02/26/25 11:08 am Kris Lambert (knlamber): Approved for 1802-CROPS Committee Chair
4. 02/26/25 11:27 am

Adam Davis (asdavis1): Approved for 1802-CROPS Head

5. 03/03/25 9:07 am Brianna Gregg (bjgray2): Approved for KL Committee Chair
6. 03/03/25 9:16 am Anna Ball (aball): Approved for KL Dean
7. 03/06/25 10:00 am Tom Teper (tteper): Approved for University Librarian
8. 03/06/25 10:08 am Suzanne Lee (suzannel): Approved for COTE Programs
9. 03/12/25 3:24 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Oct 16, 2020 by Scott Bartlett (sbartlet)

Administration Details

Official Program Name	Plant Biotechnology, BS
Diploma Title	Bachelor of Science in Plant Biotechnology
Sponsor College	Agr, Consumer, & Env Sciences

Sponsor Department	Crop Sciences
Sponsor Name	Kris Lambert ~~A.Lane Rayburn~~
Sponsor Email	knlamber@illinois.edu ~~arayburn@illinois.edu~~
College Contact	Brianna Gregg
College Contact Email	bjgray2@illinois.edu
College Budget Officer	
College Budget Officer Email	

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Bachelor of Science in Plant Biotechnology in the College of Agricultural, Consumer and Environmental Sciences

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. ALEC 115 was added as an option to complete the communication option.

2. The formatting of the program of study (POS) and additional text was modified (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template.

3. RHET 105 was removed from specifically being noted in the program of study.

4. We gave titles (e.g., Communication Option) to "Select ____ of the following:" requirement options.

5. We adjusted hours on electives and gen eds students must take on sample sequence.

6. We removed the hours included on some of the old section titles.

7. CPSC 226, PLPA 204, and CPSC 270 were removed.

8. We added CPSC 304 and CPSC 370 as options in the Plant Protection and Data Analysis section.

9. We added ECON 102 as an or class of ACE 100.

10. We would like to increase the minimum number of hours for the internship/research/thesis option to be 3 hours instead of 2-3 hours.

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students.

2. These modifications were made per the Office of the Provost General Education's initiative for transparency and accessibility in degree programs.

3. RHET 105 was removed because students should follow the campus guidelines for Composition I placement.

4. Titling these options makes it easier for students to make note of them on the sample sequence.

5. We adjusted hours on electives and gen eds students must take on sample sequence to meet the 126-hour total requirement needed to graduate.

6. We removed the credit hours from section titles because the hours that students take to complete the program can vary, so we just removed them to eliminate confusion.

7. CPSC 226 and PLPA 204 have been deactivated, while CPSC 270 is in the process of being deactivated.

8. CPSC 304 was added to replace PLPA 204, as CPSC 304 was created and PLPA 204 deactivated because the course material was revised to add additional synthesis material requirements. CPSC 370 was added to replace CPSC 270, as CPSC 370 was created and CPSC 270 is in the process of being deactivated because the course material was revised to be taught at a higher level.

9. Credit is not given for both ACE 100 and ECON 102, so students should be aware that they can take either course to earn the credit for this program.

10. We believe the experience of an internship/research/thesis should be at a minimum of 3 hours worth of content to better apply the principles learned in the classroom in the experience and to have a longer, more quality experience for the student.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

ALEC 115 - Talk About Food, Ag, Env
RHET 105 - Writing and Research
ECON 102 - Microeconomic Principles
ACE 100 - Intro to Applied Micro

Please attach any letters of support/ acknowledgement for any Instructional Resources. Consider faculty, students, and/or other impacted units as appropriate.

Letter of Acknowledgement_RHET 105.pdf
Letter of Support_ALEC 115.pdf
Letter of Acknowledgement_ALEC 115 for CMN.pdf
Letter of Acknowledgement_ACE 100_Agronomy & Plant Biotechnology Curricula.pdf
Letter of Support_ECON 102_Agronomy & Plant Biotechnology Curricula.pdf

Program Features

Academic Level: Undergraduate

Does this major have transcripted concentrations? No

What is the longest/maximum time to completion of this program?

4 years

What are the minimum Total Credit Hours required for this program?

126

CIP Code: 261201 - Biotechnology.

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hours of advanced level or courses with two or more prerequisites course work within the degree program:

a) Specifically required upper-level courses for the program of study:
MCB 450 (3 credit hours)
CPSC 382 (4 credit hours)
CPSC 498 (1 credit hour)
CPSC 352 (4 credit hours)

b) Choices (i.e., "Select one of the following:") of required upper-level courses for the program of study:

Internship or Research/Thesis Option - Select one of the following: (3 credit hours)
CPSC 393
HORT 393
CPSC 395
HORT 395
PLPA 395

CPSC 452 or CPSC 453 (3 credit hours)

c) Elective upper-level courses for the program of study:

Choose from any 300- or 400- level CPSC, HORT, or PLPA courses, excluding: CPSC 393, HORT 393, CPSC 395, HORT 395 & PLPA 395. (8 credit hours)

Total upper-level hours = 26

The remaining 14 upper-level hours will come from free upper-level elective courses.

Revised programs

Side by Side_Plant Biotechnology, BS.xlsx

Sample Sequence_Plant Biotechnology, BS.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Bachelor of Science in Plant Biotechnology

Biotechnology is now a part of our daily lives in applications such as developing nutritionally enhanced foods, enabling sustainable agricultural production, and engineering plants for industrial and medical purposes. The plant biotechnology major provides an interdisciplinary curriculum integrating the science and practice of crop production through courses in molecular biology, genetics and genomics, biochemistry, plant protection, and data analysis. The program also offers many opportunities to participate in research and internships. This curriculum prepares students for careers in biotechnology or for entrance into graduate and professional schools. Our students pursue employment in scientific research or fields related to the biotechnology enterprise including science policy, patent law, and business development.

Is the overview text above correct?

Yes

Statement for Programs of Study Catalog

Graduation Requirements

Minimum hours required for graduation: 126 hours.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. ~~Major Requirements~~ Some Gen Ed requirements may be met by courses required and/or electives in the program.

~~**ACES Requirements**~~		~~**0-2**~~
~~ACES 101~~	~~Contemporary Issues in ACES~~	
~~or ACES 200~~	~~ACES Transfer Orientation~~	
Composition I		4-6
Advanced Composition		3
Humanities & the Arts (6 hours)		6
Natural Sciences & Technology (6 hours)		6

fulfilled by CHEM 102, CHEM 104, IB 103, IB 150, CPSC 112, and CPSC 261		
Social & Behavioral Sciences (6 hours)		6
fulfilled by ECON 102 or ACE 100 and any other course approved as Social & Behavioral Sciences		
Cultural Studies: Non-Western Cultures (1 course)		3
Cultural Studies: US Minority Cultures (1 course)		3
Cultural Studies: Western/Comparative Cultures (1 course)		3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)		6-8
fulfilled by MATH 220, MATH 221, or MATH 234, and CPSC 241		
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)		0-15
~~**Requirement**~~		~~**Hours**~~
~~**Composition I and Speech**~~		~~**6 to 7**~~
~~RHET 105 & CMN 101~~	~~Writing and Research and Public Speaking~~	
~~OR~~		
Department Foundation		
~~**Quantitative Reasoning I**~~		~~**4 to 5**~~
Communication Option:		3 or 6
CMN 101	Public Speaking	
ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
~~**Advanced Composition**~~		~~**3 to 4**~~
~~**Cultural Studies**~~		~~**9**~~
~~Western/Comparative Cultures~~		
~~Non-Western Cultures~~		
~~US Minority Cultures~~		
ACES 101	Contemporary Issues in ACES	2
or ACES 200	ACES Transfer Orientation	
Calculus Option - Select one of the following:		4-5

MATH 220	Calculus	
~~**Quantitative Reasoning II**~~		~~**3**~~
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
CHEM 102	General Chemistry I	4
& CHEM 103	and General Chemistry Lab I	
CHEM 104	General Chemistry II	4
& CHEM 105	and General Chemistry Lab II	
~~**Humanities and the Arts**~~		~~**6**~~
~~**Social and Behavioral Sciences**~~		~~**7 to 8**~~
~~ACE 100~~	~~Introduction to Applied Microeconomics~~ [1]	
~~**Total Hours for Gen Ed Requirements**~~		~~**46-50**~~
ECON 102	Microeconomic Principles	3 or 4
or ACE 100	Introduction to Applied Microeconomics	
CPSC 241	Intro to Applied Statistics	3
~~**Natural Sciences and Technology**~~		~~**8**~~
Major Core		
CPSC 102	Foundational Skills in Crop Sciences	2
CPSC 112	Introduction to Crop Sciences	4
CPSC 382	Organic Chem of Biol Processes	4
CPSC 498	Crop Sci Professional Develpmt	1
IB 103	Introduction to Plant Biology	4
IB 150	Organismal & Evolutionary Biol	4
MCB 450	Introductory Biochemistry	3
Internship or Research/Thesis Option - Select one of the following:		3
CPSC 393	Crop Sciences Internship	
HORT 393	Horticulture Internship	
CPSC 395	Undergrad Research or Thesis	
HORT 395	Undergrad Research or Thesis	
PLPA 395	Undergrad Research or Thesis	

~~**Non-Departmental Core Requirements**~~		~~**11**~~
~~IB 103~~	~~Introduction to Plant Biology~~	~~4~~
~~IB 150~~	~~Organismal & Evolutionary Biol~~	~~4~~
~~MCB 450~~	~~Introductory Biochemistry~~	~~3~~
~~**Crop Sciences Core Requirements**~~		~~**13-14**~~
~~CPSC 102~~	~~Foundational Skills in Crop Sciences~~	~~2~~
~~CPSC 112~~	~~Introduction to Crop Sciences~~	~~4~~
~~CPSC 382~~	~~Organic Chem of Biol Processes~~	~~4~~
~~Internship or Research/Thesis (choose one):~~		~~2-3~~
~~CPSC 393~~	~~Crop Sciences Internship~~	
~~or HORT 393~~	~~Horticulture Internship~~	
~~CPSC 395~~	~~Undergrad Research or Thesis~~	
~~or HORT 395~~	~~Undergrad Research or Thesis~~	
~~or PLPA 395~~	~~Undergrad Research or Thesis~~	
~~CPSC 498~~	~~Crop Sci Professional Develpmt~~	~~1~~
Biotechnology Requirements		
CPSC 261	Biotechnology in Agriculture	3
CPSC 265	Genetic Engineering Lab	3
CPSC 352	Plant Genetics	4
CPSC 452	Advanced Plant Genetics	3 or 4
or CPSC 453	Principles of Plant Breeding	
~~**Plant Protection and Data Analysis Requirements**~~		~~**6-7**~~
~~Select two of the following:~~		~~6~~
~~CPSC 226~~	~~Course CPSC 226 Not Found~~	~~3~~
Plant Protection and Data Analysis Option - Select two of the following:		6-7
CPSC 266	Data in Biology and Agriculture	
~~CPSC 270~~	~~Applied Entomology~~	~~3~~
~~PLPA 204~~	~~Course PLPA 204 Not Found~~	
CPSC 304	Plant Pathology	

CPSC 370	Applied Entomology

Major Electives

~~Choose from any 300- or 400- level CPSC, HORT, or PLPA courses, excluding: CPSC 393, HORT 393, CPSC 395, HORT 395 & PLPA 395.~~

~~**Total Hours**~~	~~**126**~~
Choose 8 hours from any 300- or 400- level CPSC, HORT, or PLPA courses, excluding: CPSC 393, HORT 393, CPSC 395, HORT 395 & PLPA 395.	
Total Hours	**126**

Corresponding Degree	BS Bachelor of Science

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

No

Student Learning Outcomes

Learning Objectives

1. Students will demonstrate proficiency in the areas of crop sciences, molecular biology, genetics and genomics, biochemistry, plant protection, and data analysis.
2. Students will gain leadership skills through team-based science in an experiential learning context to become leaders in scientific fields.
3. Students will communicate biotechnology-related content to the public using traditional and 21st century media platforms.
4. Students will discover how to apply biotechnologies to solve global problems and how these technologies can serve as class equalizers between developed and developing countries.
5. Students will develop professional networks that will enhance future career choices. ~~Not applicable.~~

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program
Description and
Requirements
Attach Documents

Delivery Method

This program is
available:
On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective
Admissions Term

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

The minimum GPA for admission consideration is 2.50 (A=4.00). Transfer coursework equivalent to the University of Illinois courses listed in bold, red italics must be successfully completed prior to the desired term of entry.

Sophomore-level transfer admission requires completion of transfer coursework equivalent to the following University of Illinois courses:
CHEM 101, Introductory Chemistry or an introductory chemistry course with Lab
MATH 112, Algebra or higher1

Junior-level transfer admission requires completion of transfer coursework equivalent to the following
University of Illinois courses:
CHEM 102, General Chemistry I and CHEM 103, General Chemistry Lab I
CHEM 104, General Chemistry II and CHEM 105, General Chemistry Lab II
MATH 220, Calculus or MATH 234, Calculus for Business I

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

These revisions won't impact enrollment and degrees awarded.

Estimated Annual Number of Degrees Awarded

Year One Estimate	0	5th Year Estimate (or when fully implemented)
20		

What is the matriculation term for this program?

Fall

Budget

Are there budgetary implications for this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

As this program is currently offered as a concentration under an existing major, the existing infrastructure exists with the Department of Crop Sciences to support the program. Additionally, the department is currently hiring several new faculty members who may teach new courses that could fit within the scope of the new major curriculum.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

ACES Crop Science Department Differential

Are you seeking a change in the tuition rate or differential for this program?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

There will be no impact on faculty resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

After consulting with the librarian for Crop Sciences, current Library resources, including collections and services, are sufficient and will not be significantly impacted by the revisions to this program.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices U Program Review Comments KEY 896 Plant Biotechnology, BS 12_3_2024.docx

Banner/Codebook Name

BS: Plant Biotechnology - UIUC

Program Code: 10KL5461BS

Minor Code	Conc Code	Degree Code	BS Major Code
5461			

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date

Effective Date:

Program Reviewer Comments	**Brooke Newell (bsnewell) (12/03/24 8:03 am):** Rollback: U Program Review Comments attached in DMI Documentation section. Rollback requested per Brianna G. **Donna Butler (dbutler) (02/18/25 3:39 pm):** The Catalog Overview text in this CIM record does not match the current Overview page in the Academic Catalog. We would like to get these records in sync, so please review and clarify what text you want on the Overview page. **Melissa Steinkoenig (menewell) (02/21/25 10:45 am):** Gen Ed Table good **Brooke Newell (bsnewell) (03/06/25 3:53 pm):** Revised justification per discussion with College and Dept Sponsor

Key: 896

Program Change Request

Date Submitted: 02/25/25 1:05 pm

Viewing: 10KL5621NONE : ACES Undeclared

Last approved: 11/17/23 8:23 am

Last edit: 03/26/25 3:12 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program: ACES Undeclared

Proposal Type:
Major (ex. Special Education)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. Gen Ed Review
3. 1483-ACES_A Head
4. KL Committee Chair
5. KL Dean
6. University Librarian
7. COTE Programs
8. Provost
9. Senate EPC
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. HLC
15. DMI

Approval Path

1. 02/26/25 3:49 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/28/25 3:50 pm Melissa Steinkoenig (menewell): Approved for Gen Ed Review
3. 02/28/25 6:54 pm Debra Korte (dskorte): Approved for 1483-ACES_A Head
4. 03/03/25 9:07 am Brianna Gregg (bjgray2): Approved for KL Committee

Chair
5. 03/03/25 9:16 am Anna Ball (aball): Approved for KL Dean
6. 03/06/25 10:00 am Tom Teper (tteper): Approved for University Librarian
7. 03/06/25 10:08 am Suzanne Lee (suzannel): Approved for COTE Programs
8. 03/12/25 3:24 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Nov 17, 2023 by Brianna Gregg (bjgray2)

Administration Details

Official Program Name	ACES Undeclared
Diploma Title	
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	ACES Admin
Sponsor Name	Hannah Steinbrenner ~~Anna Ball~~
Sponsor Email	teske2@illinois.edu ~~Aball@illinois.edu~~
College Contact	Brianna Gregg
College Contact Email	bjgray2@illinois.edu

College Budget Officer: Nick Unser

College Budget Officer Email: nicku@illinois.edu ~~Nicku@illinois.edu~~

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

~~N/A~~

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term: Fall 2025

Effective Catalog: 2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the ACES Undeclared in the College of Agricultural, Consumer and Environmental Sciences

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. The program of study (POS) table was reformatted, now including a GenEd table and a program requirements table.

2. The overview page in the Academic Catalog prompt in CIM-P was edited to better reflect the purpose of ACES Undeclared and the options within the curriculum while a student makes progress towards their intended major.

3. CMN 111 & 112 were added to the POS table as options for the Composition I requirement. ALEC 115 was added as an option to complete the communication option. RHET 105 was removed from specifically being noted in the program of study.

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. We are reformatting the POS table to adhere to campus standardization of GenEd tables.

2. The edited information on the Overview page for the Academic Catalog allows for increased transparency.

3. We added CMN 111 & 112 to the program of study table since this combination meets the speech requirement of the college and composition general education requirement. ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students. RHET 105 was removed because students should follow the campus guidelines for Composition I placement.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/

revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

No

Program Features

Academic Level: Undergraduate

Does this major have transcripted concentrations?: No

What is the longest/maximum time to completion of this program?

2 years

What are the minimum Total Credit Hours required for this program?

30

CIP Code: 240102 - General Studies.

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

This is non-applicable since this program is not a degree granting major. Students should work toward their 40 hours of advanced level course work in their intended degree program.

Revised programs: Side by Side_ACES Undeclared.xlsx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

The ACES Undeclared program allows students ~~Students will have the opportunity~~ to explore various majors within the College of ACES. ~~ACES with the purpose of later declaring one.~~ Students will work with an advisor in ~~staff to select~~ the Office of Academic Programs to select ~~right~~ coursework based on their interests with the purpose of declaring a major. ~~interests.~~ The ACES Undeclared ~~This~~ program is flexible ~~designed for students that are interested in the agricultural, consumer,~~ and allows students ~~environmental sciences but aren't sure which path~~ to select courses across various disciplines within the College of ACES. ~~take.~~ Students are not able to earn a degree in ACES Undeclared and are limited in the number of semesters they are allowed to remain in the program before declaring a major.

Students in ACES Undeclared must maintain a 2.0 or higher GPA to remain in good standing in the program. Actual GPA for transfer to ACES degree program will vary. Students must declare major by fifth semester or 60 hours.

Specific course recommendations will vary depending on the goals and interest of the student. ~~Students will work with staff to select the right coursework based on interests.Students will have the opportunity to explore various majors within the College of ACES with the purpose of later declaring one.~~

Is the overview text above correct?

Yes

Statement for Programs of Study Catalog

Graduation Requirements

Maximum hours allowed in ACES Undeclared: 30 hours.

Minimum hours required for graduation: 126 hours.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives ~~Students~~ in ~~ACES Undeclared must maintain a 2.0 or higher GPA to remain in good standing in~~ the program.

~~Actual GPA for transfer to ACES degree program willvary.Students must declare major by fifth semester or 60hours.~~Specific course recommendations will vary depending on the goals and interest of the student. ~~student.~~

Advanced Composition		3
Humanities & the Arts (6 hours)		6
Natural Sciences & Technology (6 hours)		6
Social & Behavioral Sciences (6 hours)		6
Cultural Studies: Non-Western Cultures (1 course)		3
Cultural Studies: US Minority Cultures (1 course)		3
Cultural Studies: Western/Comparative Cultures (1 course)		3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)		6-8
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)		0-15
Department Foundation		
~~RHET 105 & CMN 101~~	~~Writing and Research and Public Speaking~~	~~7~~
ACES 101	Contemporary Issues in ACES	2
or ACES 200	ACES Transfer Orientation	
CMN 101	Public Speaking	3 or 6
or ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
or CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
ACES Undeclared Core		
~~Coursework at or above the third level either in high school or college is required for graduation.~~		
~~**Quantitative Reasoning**~~		
~~Varies based on the major interest~~		~~6-7~~
~~**Humanities and the Arts**~~		
~~Select 2 humanities courses from campus approved lists~~		~~6-8~~
~~**Natural Sciences and Technology**~~		
~~Varies based on the major interest~~		~~6-10~~
~~**Social and Behavioral Sciences**~~		
~~Varies based on the major interest~~		~~6-9~~
~~**Cultural Studies**~~		

~~Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists~~	~~9-12~~
~~ACES Prescribed~~	
Introductory major courses	3-8
Second course in major	3-4
ACES Elective	3
Total Hours	**30**

Corresponding Degree	NONE None Associated

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

Yes

Student Learning Outcomes

The ACES Undeclared program allows students to explore various majors within the College of ACES without having to select one during the admissions process. Students will work with an advisor in the Office of Academic Programs, to select coursework based on their interests with the purpose of declaring a major. The time within the program is ideally no more than 4 semesters, but an extension to a fifth semester is available. The goal is to move students to their intended degree program as soon as they have met the degree requirements and feel it is the best option for their career and interest goals.

Did you make any revisions to the learning outcomes you copied and pasted from the current academic catalog?

Yes

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

~~N/A~~

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

~~N/A~~

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

~~N/A~~

Program Description and Requirements Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective Admissions Term: Fall 2025

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Interest in exploring majors and academic interests within the College of ACES with being ready to complete courses at the collegiate level.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

This revision will not impact enrollment or degrees awarded.

Estimated Annual Number of Degrees Awarded

Year One Estimate	0	5th Year Estimate (or when fully implemented)
0		

What is the matriculation term for this program?

Fall

Budget

Are there budgetary implications for this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

This program is advised within the Office of Academic Programs in ACES. The Student Success Coordinator is the primary advisor for ACES Undeclared and will instructor the intro to college course as part of the process for students to explore majors.

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

The College of ACES Office of Academic Programs will support this program. It is self-supporting given the number of students enrolled in the program.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

Undergraduate Base Tuition

Are you seeking a change in the tuition rate or differential for this program?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

There will be no impact on faculty resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

This proposal will have no impact on the University Library's resources, collections, and services.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name

NONE: ACES Undeclared - UIUC

Program Code: 10KL5621NONE

Minor Code	Conc Code	Degree Code	NONE Major Code
5621			

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
DOE Approval Date	
Effective Date:	

Program Reviewer Comments	**Melissa Steinkoenig (menewell) (02/28/25 3:49 pm):** Gen Ed Table good **Brooke Newell (bsnewell) (03/07/25 12:56 pm):** Revisions to justification per discussion with College sponsor

Key: 1206

Program Change Request

Date Submitted: 02/11/25 3:09 pm

Viewing: 10KL5623BS : Computer Science + Crop Sciences, BS

Last approved: 11/14/23 5:15 pm

Last edit: 03/26/25 3:12 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program	Computer Science + Crop Sciences, BS

Proposal Type:
Major (ex. Special Education)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. Gen Ed Review
3. 1802-CROPS Committee Chair
4. 1802-CROPS Head
5. 1434-SSCDS Head
6. KP Committee Chair
7. KP Dean
8. KL Committee Chair
9. KL Dean
10. University Librarian
11. COTE Programs
12. Provost
13. Senate EPC
14. Senate
15. U Senate Conf
16. Board of Trustees
17. IBHE
18. HLC
19. DMI

Approval Path

1. 02/18/25 3:30 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/21/25 10:46 am Melissa Steinkoenig (menewell): Approved for Gen Ed Review
3. 02/26/25 11:09 am Kris Lambert (knlamber): Approved for 1802-

CROPS Committee Chair

4. 02/26/25 11:27 am Adam Davis (asdavis1): Approved for 1802-CROPS Head
5. 03/05/25 3:03 pm Eric Shaffer (shaffer1): Approved for 1434-SSCDS Head
6. 03/06/25 11:06 am Keri Pipkins (kcp): Approved for KP Committee Chair
7. 03/06/25 11:25 am Cindy Pruitt (cpruitt): Approved for KP Dean
8. 03/06/25 1:18 pm Brianna Gregg (bjgray2): Approved for KL Committee Chair
9. 03/07/25 6:06 am Anna Ball (aball): Approved for KL Dean
10. 03/07/25 9:44 am Tom Teper (tteper): Approved for University Librarian
11. 03/07/25 10:08 am Suzanne Lee (suzannel): Approved for COTE Programs
12. 03/12/25 3:24 pm Brooke Newell (bsnewell): Approved for

Provost

History

1. Mar 22, 2019 by Deb Forgacs (dforgacs)
2. Apr 10, 2019 by Deb Forgacs (dforgacs)
3. Dec 6, 2019 by Scott Bartlett (sbartlet)
4. Feb 3, 2020 by Deb Forgacs (dforgacs)
5. May 6, 2020 by Scott Bartlett (sbartlet)
6. May 6, 2021 by Scott Bartlett (sbartlet)
7. May 11, 2021 by Deb Forgacs (dforgacs)
8. Nov 14, 2023 by Kathy Martensen (kmartens)
9. Nov 14, 2023 by Kathy Martensen (kmartens)

Administration Details

Official Program Name	Computer Science + Crop Sciences, BS
Diploma Title	Bachelor of Science in Computer Science and Crop Sciences
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Crop Sciences
Sponsor Name	Dr. Kris Lambert ~~A.Lane Rayburn~~
Sponsor Email	knlamber@illinois.edu ~~arayburn@illinois.edu & harbourt@illinois.edu~~

College Contact Brianna Gregg

College Contact Email bjgray2@illinois.edu

College Budget Officer

College Budget Officer Email

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Does this program have inter-departmental administration?

Yes

Interdisciplinary Colleges and Departments (list other colleges/departments which are involved other than the sponsor chosen above)

Please describe the oversight/governance for this program, e.g., traditional departmental/college governance, roles of elected faculty committees and of any advisory committees.

administrative update.

College Grainger College of Engineering

Department Siebel School Comp & Data Sci

Is there an additional department involved in governance?

No

Effective Catalog Term

Effective Catalog Term Fall 2025

Effective Catalog 2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Bachelor of Science in Computer Science plus Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

This proposal (key 79) is related to the Computer Science + Crop Sciences, BS & Crop Sciences, MS proposal (key 867)

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. ALEC 115 was added as an option to complete the communication option.

2. The formatting of the program of study (POS) and additional text was modified (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template.

3. RHET 105 was removed from specifically being noted in the program of study.

4. We gave titles (e.g., Communication Option) to "Select ____ of the following:" requirement options.

5. We adjusted hours on electives and gen eds students must take on sample sequence.

6. We removed the hours included on some of the old section titles.

7. CPSC 441 was removed and there is no longer a "Select one of the following:" list.

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students.

2. These modifications were made per the Office of the Provost General Education's initiative for transparency and accessibility in degree programs.

3. RHET 105 was removed because students should follow the campus guidelines for Composition I placement.

4. Titling these options makes it easier for students to make note of them on the sample sequence.

5. We adjusted hours on electives and gen eds students must take on sample sequence to meet the 126-hour total requirement needed to graduate.

6. We removed the credit hours from section titles because the hours that students take to complete the program can vary, so we just removed them to eliminate confusion.

7. This course has been deactivated, so now students are required to take CPSC 444.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

RHET 105 - Writing and Research
ALEC 115 - Talk About Food, Ag, Env

Please attach any Letter of Support_ALEC 115.pdf

letters of support/ acknowledgement for any Instructional Resources. Consider faculty, students, and/or other impacted units as appropriate.	Letter of Acknowledgement_RHET 105.pdf Letter of Acknowledgement_ALEC 115 for CMN.pdf

Program Features

Academic Level	Undergraduate
Does this major have transcripted concentrations?	No

What is the longest/maximum time to completion of this program?

4 years

What are the minimum Total Credit Hours required for this program?

126

CIP Code	110199 - Computer and Information Sciences, Other.

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hours of advanced level or courses with two or more prerequisites course work within the degree program:

a) Specifically required upper-level courses for the program of study:

CS 222 (1 credit hour) (prerequisites: CS 128; credit or concurrent registration in CS 225)
CS 225 (4 credit hours) (prerequisites: CS 126 or CS 128 or ECE 220; One of CS 173, CS 413, MATH 213, MATH 347, MATH 412, or MATH 413)
CS 374 (4 credit hours)
CS 421 (3 credit hours)
CS 361 (3 credit hours)
CPSC 498 (1 credit hour)
CPSC 440 (4 credit hours)
CPSC 444 (4 credit hours)

b) Choices (i.e., "Select one of the following:") of required upper-level courses for the program of study:

Computer Science Technical Track: (8-11 credit hours)
Choose from the following options:
CS 233 (prerequisites: CS 125 or CS 128; CS 173 or MATH 213; credit or concurrent enrollment in CS 225)
& CS 341: System Programming
OR
CS 340: Introduction to Computer Systems
& Two CS 4XX (Any two (2) 400-level CS courses except CS 491)

Math Option: (2-4 credit hours)
MATH 225
or MATH 257 (prerequisites: MATH 220 or MATH 221; CS 101 or equivalent programming experience),
or MATH 415,
or MATH 416

Internship or Research Option: (3 credit hours)
CPSC 393 or CPSC 395

c) Elective upper-level courses for the program of study:

Crop Sciences Electives
CPSC/HORT/PLPA 4XX (At least one 3-hour 400-level CPSC/HORT/PLPA course) (3 credit hours)

CPSC/HORT/PLPA XXX (Any CPSC/HORT/PLPA course except CPSC 241) (3 credit hours)

Total upper-level hours = 43-48

Revised programs

Sample Sequence_Computer Science + Crop Sciences, BS.docx
Side by Side_Computer Science + Crop Sciences, BS.xlsx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Statement for
Programs of Study
Catalog

Graduation Requirements

Minimum hours required for graduation: 126 hours.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in the program.

Composition I	4-6
Advanced Composition	3
Humanities & the Arts (6 hours)	6
Natural Sciences & Technology (6 hours)	6
fulfilled by CPSC 112 and any other course approved as Natural Sciences & Technology	
Social & Behavioral Sciences (6 hours)	6
Cultural Studies: Non-Western Cultures (1 course)	3
Cultural Studies: US Minority Cultures (1 course)	3
Cultural Studies: Western/Comparative Cultures (1 course)	3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)	6-8
fulfilled by CS 124, CS 128, CS 225; and MATH 220 or MATH 221; and MATH 231	

Language Requirement (Completion of the third semester or equivalent of a language other than English is required)		0-15
~~**Composition I and Speech**~~		~~**6-7**~~
~~RHET 105 & CMN 101~~	~~Writing and Research and Public Speaking~~	
Department Foundation		
~~Select from campus-approved list.~~		~~3-4~~
Communication Option:		3 or 6
CMN 101	Public Speaking	
ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
ACES 101	Contemporary Issues in ACES	2
~~**Computer Science Core**~~		~~**22**~~
Crop Sciences Core		
~~Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.~~		~~9~~
CPSC 102	Foundational Skills in Crop Sciences	2
CPSC 112	Introduction to Crop Sciences	4
CPSC 212	Introduction to Plant Protection	4
CPSC 393	Crop Sciences Internship	3
or CPSC 395	Undergrad Research or Thesis	
CPSC 498	Crop Sci Professional Develpmt	1
~~**Foundational Data Analytics**~~		~~**6-8**~~
Computer Science Core		
~~Coursework at or above the third level is required for graduation.~~		~~0-15~~
CS 100	Computer Science Orientation (recommended)	1
CS 124	Introduction to Computer Science I	3
CS 128	Introduction to Computer Science II	3
CS 173	Discrete Structures	3

CS 222	Software Design Lab	1
CS 225	Data Structures	4
CS 374	Introduction to Algorithms & Models of Computation	4
CS 421	Programming Languages & Compilers	3
~~Computer Science Technical Track~~		~~8-11~~
Computer Science Technical Track		
Choose from the following options:		
CS 233 & CS 341	Computer Architecture and System Programming	
~~OR~~		
OR		
CS 340	Introduction to Computer Systems	3
& Any two (2) 400-level CS courses except CS 491		
~~Mathematical Foundations (fulfills Quantitative Reasoning I and II)~~		~~12-15~~
Mathematical Foundations		
MATH 220	Calculus	4 or 5
or MATH 221	Calculus I	
MATH 225	Introductory Matrix Theory	2-4
or MATH 257	Linear Algebra with Computational Applications	
or MATH 415	Applied Linear Algebra	
or MATH 416	Abstract Linear Algebra	
MATH 231	Calculus II	3
~~Crop Sciences Core~~		~~14~~
CS 361	Probability & Statistics for Computer Science	3
Foundational Data Analytics		
~~Select from campus-approved list.~~		~~6~~
CPSC 440	Applied Statistical Methods I	4
~~And select one of the following:~~		
~~CPSC 441~~	~~Course CPSC 441 Not Found~~	

CPSC 444	Introduction to Spatial Analytics	4
~~**Crop Sciences Electives**~~		~~**6**~~
~~CPSC/HORT/PLPA 4XX~~	~~At least one (1) 400-level CPSC/HORT/PLPA course~~	
~~CPSC/HORT/PLPA XXX~~	~~Any CPSC/HORT/PLPA course except CPSC 241~~	
~~**Total Hours**~~		~~**126**~~

Crop Sciences Electives

~~Select from campus-approved list.~~	~~6~~
~~**Social and Behavioral Sciences**~~	
~~Select from campus-approved list.~~	~~6~~
~~**ACES Required**~~	
At least one 3-hour 400-level CPSC/HORT/PLPA course	3
Any CPSC/HORT/PLPA course except CPSC 241	3
Total Hours	**126**

Corresponding Degree	BS Bachelor of Science

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

Yes

Student Learning Outcomes

Computer Science component:

The Computer Science component of the CS + X Curricula learning objectives are in twocategories:Program Educational Objectives and StudentOutcomes.Each of these are described in the following twosections.----------

PROGRAM EDUCATIONAL OBJECTIVES REVIEW AND UPDATE PROCESS FOR CS COMPONENT In this section, we describe the current Program Educational Objectives for the CS component of the CS + X degrees, together with the process used by the Department of Computer Science for their periodic review andupdate.This process is managed by the Undergraduate Studies Committee, under the direction of the Director of UndergraduatePrograms.The University of Illinois Computer Science Undergraduate Program Educational Objectives are to prepare graduateswho:•1.For years after graduation are highly sought-after by employers and accepted at top graduate schools, obtain positions in industry, government, not-for-profits andacademia.•2.Pursue education through lifelong learning either through self-directed study or in leading graduateprograms.•3.Emerge as leaders in the field through the creation of new knowledge and systems in the rapidly changingworld.•4.Provide leadership with their high ethical and technicalstandards.The Program Educational Objectives (PEOs) are reviewed roughly every three years by the Undergraduate Studies Committee to decide whether revision is appropriate based on trends in the field, informal input from alumni and other program constituents, and data from student attainment of relevant job positions and entrance into graduateschool.Every six years, or at any point where revision is deemed appropriate, the revised PEOs are put before the Advisory Board and their approval issolicited.The Advisory Board contains representatives from our alumni and from industry partners who are potential employers of yourgraduates.If the Advisory Board suggests revisions, these revisions are reviewed by the Undergraduate Studies Committees and new PEOs are generated consistent with these revisions, and then the PEOs are again put to the Advisory Board for theirapproval.Once the PEO's have been approved by the Undergraduate Studies Committees and the Advisory Board, they are brought before the faculty of the Department of Computer Science for their discussion andacceptance.If the faculty recommend substantive changes to the PEOs, then the results are sent back to the Undergraduate Studies Committee and the Advisory Board forre-approval.If the recommendations are minor and non-substantive, they are made by the Director of UndergraduatePrograms.The website maintained by the Department of Computer Science for publishing the PEOs is updated with the finalrevision.At the beginning of each round of review and revision, input is collected from sources such as informal surveys of our program constituents, reports on employment outcomes for our recent graduates and feedback on success rates for our students applying to graduateschool.Information indicating that the PEOs should be revised, or that they are not being highly attained is incorporated into the assessment of the program and the coursestherein.----------

STUDENT OUTCOMES ASSESSMENT PROCESS FOR THE CS COMPONENT This section describes the expected student outcomes of the BS in CSprogram.It details the process for monitoring themá -- including how data is collected -- and for assessing when and what revisions to

~~courses and the program seem desirable to better meet the studentoutcomes.The CS + X program prepares students to achieve the following student outcomes by the completion of theirdegree:~~1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Apply computer science theory and software development fundamentals to produce computing-based solutions.

Crop Sciences component:
1. Demonstrate knowledge in the key subject matter areas of applied plant biology; crop growth and development; crop management and protection; and soil science.
2. Demonstrate an ability to identify a problem and develop solutions using quantitative reasoning skills for analysis of biological data.
3. Demonstrate oral and written communication skills necessary to listen and make effective arguments, to share applied scientific concepts with the public, and to make use of a broad variety of media.
4. Demonstrate an ability to lead and function in multidisciplinary teams.
5. Demonstrate the ability to perform self-guided discovery in agricultural sciences, practicing skills of engagement to enhance intellectual curiosity. ~~In order to track student progress in achieving the student outcomes of the CS component of the CS + X program, the Department of Computer Science has identified a set of "core courses" that ensure student outcomes are being reached.These include the following courses that all students must take:CS 128, CS 173, CS 210, CS 225, CS 222, One of 240 or (CS 233 and CS 241), CS 374, and (CS 357 or CS 421).~~

Did you make any revisions to the learning outcomes you copied and pasted from the current academic catalog?

Yes

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program Description and Requirements

Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective Admissions Term

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

No impact on enrollment

Estimated Annual Number of Degrees Awarded

Year One Estimate

5th Year Estimate (or when fully implemented)

What is the matriculation term for this program?

Fall

Budget

Are there budgetary

No

implications for this revision?

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

Engineering Differential

Are you seeking a change in the tuition rate or differential for this program?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

Faculty resources are sufficient to support this editorial change and will not be impacted.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

After consulting with the librarian for Crop Sciences, current Library resources, including collections and services, are sufficient and will not be significantly impacted by the revisions to this program.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices U Program Review Comments Key 79 Computer Science + Crop Sciences, BS 12_3_2024.docx

Banner/Codebook Name

BS: Comp Sci & Crop Sci - UIUC

Program Code: 10KL5623BS

Minor Code	Conc Code	Degree Code	BS Major Code
5623			

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date

Effective Date:

Program Reviewer Comments **Brooke Newell (bsnewell) (12/14/23 12:22 pm):** Rollback: Email sent to Brianna

Brooke Newell (bsnewell) (12/03/24 8:07 am): Rollback: U Program Review Comments

attached in DMI Documentation section. Rollback requested per Brianna G.

Melissa Steinkoenig (menewell) (02/21/25 10:46 am): Gen Ed Table good

Program Change Request

Date Submitted: 02/12/25 10:53 am

Viewing: 10KR6142BFA : Industrial Design, BFA

Last approved: 05/03/24 2:10 pm

Last edit: 03/26/25 3:14 pm

Changes proposed by: Nicole Turner

Catalog Pages Using this Program: Industrial Design, BFA

Proposal Type:
Major (ex. Special Education)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. Gen Ed Review
3. 1526-ART Head
4. KR Dean
5. University Librarian
6. COTE Programs
7. Provost
8. Senate EPC
9. Senate
10. U Senate Conf
11. Board of Trustees
12. IBHE
13. HLC
14. DMI

Approval Path

1. 02/18/25 2:48 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/21/25 10:54 am Melissa Steinkoenig (menewell): Approved for Gen Ed Review
3. 02/24/25 10:41 am Melissa Pokorny (mpokorny): Approved for 1526-ART Head
4. 03/10/25 7:13 pm Nicole Turner (nicturn): Approved for KR Dean
5. 03/10/25 7:47 pm

Tom Teper (tteper): Approved for University Librarian
6. 03/10/25 11:22 pm Suzanne Lee (suzannel): Approved for COTE Programs
7. 03/12/25 3:24 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Aug 28, 2019 by Nicole Turner (nicturn)
2. Sep 3, 2019 by Nicole Turner (nicturn)
3. May 5, 2022 by Nicole Turner (nicturn)
4. Sep 15, 2022 by Brooke Newell (bsnewell)
5. Sep 25, 2023 by Kathy Martensen (kmartens)
6. May 3, 2024 by Nicole Turner (nicturn)

Administration Details

Official Program Name	Industrial Design, BFA
Diploma Title	Bachelor of Fine Arts in Industrial Design
Sponsor College	Fine & Applied Arts

Sponsor Department	Art and Design
Sponsor Name	Melissa Pokorny
Sponsor Email	mpokorny@illinois.edu
College Contact	Nicole Turner
College Contact Email	nicturn@illinois.edu
College Budget Officer	Greg Anderson
College Budget Officer Email	gnandrs@illinois.edu

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

KR Dean

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Bachelor of Science in Industrial Design in the College of Fine and Applied Arts

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. Changing art history 200-400 level requirement language from 'advanced' to 'additional'
2- Responding to accreditation question
3- Removing ARTH 211 from Gen Ed table

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. Advanced implies 300 or higher level, but the POS already indicates the arth requirement is 200-400, so additional is a better fit for explanatory language.
2-Adding in NASAD information
3- ARTH 211 elected to not re-certify its Humanities & the Arts general education standing, so the note in the Gen Ed table is removed. This also revises the sample sequence to require one additional Gen Ed course.

No changes to total hours or learning outcomes in the 122-hour degree.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

No

Program Features

Academic Level	Undergraduate
Does this major have transcripted	No

concentrations?

What is the longest/maximum time to completion of this program?

4 years

What are the minimum Total Credit Hours required for this program?

122 hours

CIP Code 110105 - Human-Centered Technology Design.

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

Yes ~~No~~

Describe the institution's plan for seeking specialized accreditation for this program.

The School of Art and Design at UIUC is accredited by the National Association of Schools of Art and Design (NASAD).

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

ARTD 301 & 302 - 8 hrs
ARTD 401 & 402 - 8 hrs
ARTD 326 - 3 hrs
ARTD 328 - 3 hrs
ARTD 426 - 3 hrs
ARTD 448 - 3 hrs
12 hours of Art History, Art & Design Electives, or free electives

Revised programs Industrial Design BFA sample schedule FA 25-1.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

~~The Industrial Design program is not accepting applications for academic year 2024-2025 but is currently expected to reopen for applicants for Fall 2025admission.~~A portfolio review is required for admission to the School of Art and Design.

The Industrial design program focuses on a human centered approach to identify opportunities to design new products and services. The studio courses emphasize learning through problem-solving, understanding user experience, market demand, materials, and production processes. Students can develop their interest, and engage in creating intuitive, innovative products and services, that are in visual harmony with their environment. Designs that satisfy the consumer desire while being responsive to changes in technology and culture benefit society.

The curriculum in Industrial Design requires 122 credit hours.

Is the overview text above correct?

Yes

Statement for
Programs of Study
Catalog

Graduation Requirements

Minimum hours required for graduation: 122 hours.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300- or 400-level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The University and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in Art and Design.

Composition I	4-6
Advanced Composition	3
Humanities & the Arts (6 hours)	6
fulfilled by ARTH 110 and any other Humanities & the Arts course	
Natural Sciences & Technology (6 hours)	6
Social & Behavioral Sciences (6 hours)	6
Cultural Studies: Non-Western Cultures (1 course)	3
Cultural Studies: US Minority Cultures (1 course)	3

Cultural Studies: Western/Comparative Cultures (1 course)		3
fulfilled by ARTH 110		
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)		6-10
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)		0-15
First Year Curriculum		
FAA 101	Arts at Illinois	1
ARTF 101	Contemporary Issues in Art	2
ARTE 101	Art, Design, and Society	2
ARTH 110	Introduction to the History of Art and Visual Culture	3
ARTF 103	Design I	3
ARTF 105	Design II	3
Select one Drawing course:		3
ARTF 102	Observational Drawing	
ARTF 104	Expressive Drawing	
ARTF 106	Visualization Drawing	
Total Hours		**17**
Art History Requirements		
ARTH 211	Design History Survey	3
Additional art history (200-level or above)		6
Total Hours		9
Industrial Design Requirements		
ARTD 101	Introduction to Industrial Design	3
ARTD 201 & ARTD 202	Industrial Design I and Industrial Design II	8
ARTD 301 & ARTD 302	Industrial Design III and Industrial Design IV	8
ARTD 401 & ARTD 402	Industrial Design V and Industrial Design VI	8
ARTD 225	Design Drawing	3
ARTD 228	Computer Applications	3
ARTD 326	Sustainability & Manufacturing	3

ARTD 328	Human-Centered Product Design	3
ARTD 426	Product Innovation	3
ARTD 448	Professional Design Practice	3
Total Hours		**45**

Art & Design Electives

Art & Design Electives (ARTS, ARTD, ARTE, ARTH, or ARTJ courses not otherwise required in major)	12

Summary of Credits for Bachelor of Fine Arts in Industrial Design

General Education	
First-Year Curriculum	17
Art History	9
Major	45
Art & Design Electives	12
Free electives to bring the total hours earned to 122, including a minimum of 40 credits at the 300- or 400-level.	
Total Hours	**122**

Corresponding Degree	BFA Bachelor of Fine Arts

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

Yes

Student Learning Outcomes

1. Research...the ability to select and use appropriate research and experimental methods, to access existing data sources or to generate new data, to analyze and draw insights for future work, with particular emphasis on identifying human needs

2. Creative synthesis...the ability to produce creative proposals from investigation, or in response to identified opportunities or requirements, using appropriate thinking, modeling and making strategies, taking account of users, audience, market needs, makers, producers or exhibitors as appropriate

3. Production...the ability to select and use appropriate making and manufacturing processes in your own work, with an understanding of the potential of new technologies

4. Organization....the ability to plan and implement action, identifying targets and organizing resources, effectively managing self and collaborations with others

5. Communication...the ability to use various forms of communication as appropriate to elicit information, to explain, to debate and persuade, adapting to audience and situations

6. Conceptualization...the ability to realize an idea through an iterative creative making process of refinement

7. Understanding impacts...of the diverse professional, social, and ethical effects of the industrial design discipline

8. Contextualization...the ability to understand the multiple contexts of design practice, including the historical, theoretical, critical, professional, cultural, environmental and technological

9. Learning...the ability to carry out independent learning as a basis for academic study, lifelong learning and for personal professional development including the ability to independently evaluate your own work with the aim of improving and developing your own practice

Did you make any revisions to the learning outcomes you copied and pasted from the current academic catalog?

No

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program Description and Requirements Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective Admissions Term

Is this revision a change to the admission status of the program?

No ~~Yes~~

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

No impact.

Estimated Annual Number of Degrees Awarded

Year One Estimate	5th Year Estimate (or when fully implemented)

What is the

matriculation term for this program?

Fall

Budget

Are there budgetary implications for this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

FAA Differential

Are you seeking a change in the tuition rate or differential for this program?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

No impact.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

Library resources, collections, and services are sufficient to meet the needs of the program outlined in this proposal.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name

BFA:Industrial Design -UIUC

Program Code: 10KR6142BFA

Minor Code	Conc Code	Degree Code	BFA Major Code
6142			

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
DOE Approval Date	
Effective Date:	

Program Reviewer Comments	**Donna Butler (dbutler) (02/18/25 2:47 pm):** The Catalog Overview text in this CIM record does NOT match the current Overview page in the Academic Catalog. We would like to get these records in sync, so please review and clarify what text you want on the Overview page. **Melissa Steinkoenig (menewell) (02/21/25 10:54 am):** Gen Ed Table good

Key: 141

Program Change Request

Date Submitted: 02/11/25 3:09 pm

Viewing: 10KL5903BS & 10KS5903MS : JP: Computer Science + Crop Sciences, BS & Crop Sciences, MS

Last approved: 11/14/23 5:45 pm

Last edit: 03/26/25 3:13 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program	Computer Science + Crop Sciences, BS & Crop Sciences, MS

Proposal Type:

Joint Program (ex. Master of Public Health & PhD. in Community Health)

This proposal is for a:

Revision

In Workflow

1. U Program Review
2. Gen Ed Review
3. 1802-CROPS Committee Chair
4. 1802-CROPS Head
5. 1434-SSCDS Head
6. KP Committee Chair
7. KP Dean
8. KL Committee Chair
9. KL Dean
10. University Librarian
11. Grad_College
12. COTE Programs
13. Provost
14. Senate EPC
15. Senate
16. U Senate Conf
17. Board of Trustees
18. IBHE
19. HLC
20. DOE
21. DMI

Approval Path

1. 02/20/25 12:13 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/21/25 10:50 am Melissa Steinkoenig (menewell): Approved for Gen Ed Review
3. 02/26/25 11:09 am Kris Lambert

(knlamber): Approved for 1802-CROPS Committee Chair

4. 02/26/25 11:28 am Adam Davis (asdavis1): Approved for 1802-CROPS Head
5. 03/05/25 3:04 pm Eric Shaffer (shaffer1): Approved for 1434-SSCDS Head
6. 03/06/25 11:06 am Keri Pipkins (kcp): Approved for KP Committee Chair
7. 03/06/25 11:25 am Cindy Pruitt (cpruitt): Approved for KP Dean
8. 03/06/25 1:18 pm Brianna Gregg (bjgray2): Approved for KL Committee Chair
9. 03/07/25 6:06 am Anna Ball (aball): Approved for KL Dean
10. 03/07/25 9:44 am Tom Teper (tteper): Approved for University Librarian
11. 03/12/25 9:49 am Allison McKinney (agrindly): Approved for Grad_College
12. 03/12/25 10:13 am Suzanne Lee (suzannel):

Approved for COTE Programs

13. 03/19/25 3:05 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Jul 1, 2020 by Brianna Gregg (bjgray2)
2. Oct 1, 2021 by Scott Bartlett (sbartlet)
3. Feb 3, 2022 by Deb Forgacs (dforgacs)
4. Oct 6, 2022 by Mary Lowry (lowry)
5. Nov 14, 2023 by Kathy Martensen (kmartens)

Administration Details

Official Program Name	JP: Computer Science + Crop Sciences, BS & Crop Sciences, MS
Diploma Title	Bachelor of Science in Computer Science and Crop Sciences; Master of Science in Crop Sciences
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Crop Sciences
Sponsor Name	Tiffany Jamann ~~admin save~~
Sponsor Email	tjamann@illinois.edu ~~admin save~~
College Contact	Brianna Gregg ~~admin save~~
College Contact Email	bjgray2@illinois.edu ~~admin save~~
College Budget Officer	

College Budget
Officer Email

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Does this program have inter-departmental administration?

Yes ~~No~~

Interdisciplinary Colleges and Departments (list other colleges/departments which are involved other than the sponsor chosen above)

Please describe the oversight/governance for this program, e.g., traditional departmental/college governance, roles of elected faculty committees and of any advisory committees.

College	Grainger College of Engineering
Department	Siebel School Comp & Data Sci

Is there an additional department involved in governance?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Joint Program in the Bachelor of Science in Computer Science plus Crop Sciences and the Master of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences and the Graduate College

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

This proposal (key 867) for Computer Science + Crop Sciences, BS & Crop Sciences, MS proposal is related to the Computer Science + Crop Sciences, BS (key 79) proposal

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. ALEC 115 was added as an option to complete the communication option.

2. The formatting of the program of study (POS) and additional text was modified (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template.

3. RHET 105 was removed from specifically being noted in the program of study.

4. We gave titles (e.g., Communication Option) to "Select ____ of the following:" requirement options.

5. We adjusted hours on electives and gen eds students must take on sample sequence.

6. We removed the hours included on some of the old section titles.

7. CPSC 441 was removed and there is no longer a "Select one of the following:" list.

8. We added and updated text relating to the total required hours.

9. Correcting delivery method to on campus only.

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students.

2. These modifications were made per the Office of the Provost General Education's initiative for transparency and accessibility in degree programs.

3. RHET 105 was removed because students should follow the campus guidelines for Composition I placement.

4. Titling these options makes it easier for students to make note of them on the sample sequence.

5. We adjusted hours on electives and gen eds students must take on sample sequence to meet the 126-hour total requirement needed to graduate.

6. We removed the credit hours from section titles because the hours that students take to complete the program can vary, so we just removed them to eliminate confusion.

7. This course has been deactivated, so now students are required to take CPSC 444.

8. We updated this to make it clearer to students what the total hours are for the B.S., M.S., and the joint program rather than saying the total hours for each program separately.

9. Correcting delivery method to on campus, as that was the intention and how it has always been delivered.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

RHET 105 - Writing and Research
ALEC 115 - Talk About Food, Ag, Env

Please attach any letters of support/ acknowledgement for any Instructional Resources. Consider faculty, students, and/or other impacted units as appropriate.

Letter of Acknowledgement_RHET 105.pdf
Letter of Support_ALEC 115.pdf
Letter of Acknowledgement_ALEC 115 for CMN.pdf

Program Features

Academic Level

Undergraduate
Graduate

What is the longest/maximum time to completion of this program?

5 years ~~admin save~~

What are the minimum Total Credit Hours required for this program?

146

What is the required GPA?

3.0

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hours of advanced level or courses with two or more prerequisites course work within the degree program:

a) Specifically required upper-level courses for the program of study:

CS 222 (1 credit hour) (prerequisites: CS 128; credit or concurrent registration in CS 225)
CS 225 (4 credit hours) (prerequisites: CS 126 or CS 128 or ECE 220; One of CS 173, CS 413, MATH 213, MATH 347, MATH 412, or MATH 413)
CS 374 (4 credit hours)
CS 421 (3 credit hours)
CS 361 (3 credit hours)
CPSC 498 (1 credit hour)
CPSC 440 (4 credit hours)
CPSC 444 (4 credit hours)

b) Choices (i.e., "Select one of the following:") of required upper-level courses for the program of study:

Computer Science Technical Track: (8-11 credit hours)
Choose from the following options:
CS 233 (prerequisites: CS 125 or CS 128; CS 173 or MATH 213; credit or concurrent enrollment in CS 225)
& CS 341: System Programming
OR
CS 340: Introduction to Computer Systems
& Two CS 4XX (Any two (2) 400-level CS courses except CS 491)

Math Option: (2-4 credit hours)
MATH 225
or MATH 257 (prerequisites: MATH 220 or MATH 221; CS 101 or equivalent programming experience),
or MATH 415,
or MATH 416

Internship or Research Option: (3 credit hours)
CPSC 393 or CPSC 395

c) Elective upper-level courses for the program of study:

Crop Sciences Electives
CPSC/HORT/PLPA 4XX (At least one (1) 400-level CPSC/HORT/PLPA course) (3 credit hours)

CPSC/HORT/PLPA XXX (Any CPSC/HORT/PLPA course except CPSC 241) (3 credit hours)

Total upper-level hours = 43-48

Revised programs

Side by Side_Computer Science + Crop Sciences, BS + MS.xlsx
Sample Sequence_Computer Science + Crop Sciences BS + MS.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

The five-year joint B.S.-M.S. program in Crop Sciences combines a B.S. in Crop Sciences with a non-thesis M.S. in Crop Sciences or a B.S. in Computer Science and Crop Sciences with a non-thesis M.S. in Crop Sciences. Current University of Illinois at Urbana-Champaign undergraduate students enrolled in the Department of Crop Sciences who have completed between 60 and 96 credit hours, maintain superior academic performance are eligible to apply for this program. Students admitted to the program will receive both degrees once all requirements for the B.S.-M.S. program are completed.

Is the overview text above correct?

Yes

Statement for Programs of Study Catalog

For the Computer Science + Crop Sciences, B.S. ~~BS~~

Graduation Requirements

Minimum hours required for the Bachelor's degree only: 126 hours.

Minimum hours required for the Bachelor's degree + Master's degree in Crop Sciences: 146 hours.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in the program.

Composition I	4-6
Advanced Composition	3
Humanities & the Arts (6 hours)	6

Natural Sciences & Technology (6 hours)		6
fulfilled by CPSC 112 and any other course approved as Natural Sciences & Technology		
Social & Behavioral Sciences (6 hours)		6
Cultural Studies: Non-Western Cultures (1 course)		3
Cultural Studies: US Minority Cultures (1 course)		3
Cultural Studies: Western/Comparative Cultures (1 course)		3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)		6-8
fulfilled by CS 124, CS 128, CS 225; and MATH 220 or MATH 221; and MATH 231		
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)		0-15
Department Foundation		
Communication Option:		3 or 6
CMN 101	Public Speaking	
ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
ACES 101	Contemporary Issues in ACES	2
Crop Sciences Core		
CPSC 102	Foundational Skills in Crop Sciences	2
CPSC 112	Introduction to Crop Sciences	4
CPSC 212	Introduction to Plant Protection	4
CPSC 393	Crop Sciences Internship	3
or CPSC 395	Undergrad Research or Thesis	
CPSC 498	Crop Sci Professional Develpmt	1
Computer Science Core		
CS 100	Computer Science Orientation	1
CS 124	Introduction to Computer Science I	3
CS 128	Introduction to Computer Science II	3
CS 173	Discrete Structures	3
CS 222	Software Design Lab	1

CS 225	Data Structures	4
CS 374	Introduction to Algorithms & Models of Computation	4
CS 421	Programming Languages & Compilers	3
Computer Science Technical Track		
Choose from the following options:		
CS 233 & CS 341	Computer Architecture and System Programming	
OR		
CS 340	Introduction to Computer Systems	
& Any two (2) 400-level CS courses except CS 491		
Mathematical Foundations		
MATH 220	Calculus	4 or 5
or MATH 221	Calculus I	
MATH 225	Introductory Matrix Theory	2-4
or MATH 257	Linear Algebra with Computational Applications	
or MATH 415	Applied Linear Algebra	
or MATH 416	Abstract Linear Algebra	
MATH 231	Calculus II	3
CS 361	Probability & Statistics for Computer Science	3
Foundational Data Analytics		
CPSC 440	Applied Statistical Methods I	4
CPSC 444	Introduction to Spatial Analytics	4
Crop Sciences Electives		
At least one 3-hour 400-level CPSC/HORT/PLPA course		3
Any CPSC/HORT/PLPA course except CPSC 241		3
Total Hours for B.S.		**126**

12 hours of graduate level concentration electives in the B.S. requirements will overlap with 12 hours of electives required for the M.S. requirements.

For the Crop Sciences, M.S. Non-Thesis Option

CPSC 594	Professional Orientation CPSC	1
CPSC 598	Seminar (required each semester)	4
Electives including at least 4 hours of graded coursework at the 500 level other than CPSC 599 (elective courses are chosen in consultation with faculty advisor)		27
Total Hours for M.S.		**32**

Other Requirements

Other requirements and conditions may overlap
Minimum 500-level Hours Required overall: 12
Minimum GPA: 3.0
Twelve (12) hours of graduate level concentration electives in the BS requirements will overlap with 12 hours of electives required for the MS requirements.

Total Hours for Joint Program		**146**
~~Prescribed Courses including Campus General Education~~		
~~**Composition I and Speech**~~		~~**6-7**~~
~~RHET 105 & CMN 101~~	~~Writing and Research and Public Speaking~~	
~~OR~~		
~~CMN 111 & CMN 112~~	~~Oral & Written Comm I and Oral & Written Comm II~~	
~~**Advanced Composition**~~		
~~Select from campus-approved list.~~		~~3-4~~
~~**Cultural Studies**~~		
~~Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.~~		~~9~~
~~**Foreign Language**~~		
~~Coursework at or above the third level is required for graduation.~~		~~0-15~~
~~**Quantitative Reasoning I**~~		
~~See Mathematical Foundations for specific requirement.~~		~~3~~
~~**Quantitative Reasoning II**~~		
~~See Mathematical Foundations for specific requirement.~~		~~3~~
~~**Natural Sciences and Technology**~~		
~~See Crop Sciences Core for specific requirement.~~		~~6~~

Humanities and the Arts		
Select from campus-approved list.		6
Social and Behavioral Sciences		
Select from campus-approved list.		6
ACES Required		
ACES 101	Contemporary Issues in ACES	2
Computer Science Core		**22**
CS 100	Computer Science Orientation (recommended)	1
CS 124	Introduction to Computer Science I	3
CS 128	Introduction to Computer Science II	3
CS 173	Discrete Structures	3
CS 222	Software Design Lab	1
CS 225	Data Structures	4
CS 374	Introduction to Algorithms & Models of Computation	4
CS 421	Programming Languages & Compilers	3
Computer Science Technical Track		**8-11**
Choose from the following options:		
CS 233 & CS 341	Computer Architecture and System Programming	
OR		
CS 340	Introduction to Computer Systems	3
& Two CS 4XX	Any two (2) 400-level CS courses except CS 491	
Mathematical Foundations (fulfills Quantitative Reasoning I and II)		**12-15**
CS 361	Probability & Statistics for Computer Science	3
MATH 220	Calculus	4-5
or MATH 221	Calculus I	
MATH 225	Introductory Matrix Theory	2-4
or MATH 257	Linear Algebra with Computational Applications	
or MATH 415	Applied Linear Algebra	
or MATH 416	Abstract Linear Algebra	

MATH 231	Calculus II	3
Crop Sciences Core		**14**
CPSC 102	Foundational Skills in Crop Sciences	2
CPSC 112	Introduction to Crop Sciences	4
CPSC 212	Introduction to Plant Protection	4
CPSC 393	Crop Sciences Internship	3
or CPSC 395	Undergrad Research or Thesis	
CPSC 498	Crop Sci Professional Develpmt	1
Foundational Data Analytics		**6-8**
CPSC 440	Applied Statistical Methods I	4
And select one of the following:		
CPSC 441	Course CPSC 441 Not Found	
CPSC 444	Introduction to Spatial Analytics	
Crop Sciences Electives		**6**
CPSC/HORT/PLPA 4XX	At least one (1) 400-level CPSC/HORT/PLPA course	
CPSC/HORT/PLPA XXX	Any CPSC/HORT/PLPA course except CPSC 241	
Total Hours		**126**

For the Crop Sciences, MS Non-Thesis Option Other Requirements

Program Relationships

Identify the existing programs to be joined:

Corresponding Program(s)
Computer Science + Crop Sciences, BS
Crop Sciences, MS (on campus & online)

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

Yes

Student Learning Outcomes

Computer Science, B.S. component:

The Computer Science component of the CS + X Curricula learning objectives are in twocategories:Program Educational Objectives and StudentOutcomes.Each of these are described in the following twosections.----------

PROGRAM EDUCATIONAL OBJECTIVES REVIEW AND UPDATE PROCESS FOR CS COMPONENT In this section, we describe the current Program Educational Objectives for the CS component of the CS + X degrees, together with the process used by the Department of Computer Science for their periodic review andupdate.This process is managed by the Undergraduate Studies Committee, under the direction of the Director of UndergraduatePrograms.The University of Illinois Computer Science Undergraduate Program Educational Objectives are to prepare graduateswho:•1.For years after graduation are highly sought-after by employers and accepted at top graduate schools, obtain positions in industry, government, not-for-profits andacademia.•2.Pursue education through lifelong learning either through self-directed study or in leading graduateprograms.•3.Emerge as leaders in the field through the creation of new knowledge and systems in the rapidly changingworld.•4.Provide leadership with their high ethical and technicalstandards.The Program Educational Objectives (PEOs) are reviewed roughly every three years by the Undergraduate Studies Committee to decide whether revision is appropriate based on trends in the field, informal input from alumni and other program constituents, and data from student attainment of relevant job positions and entrance into graduateschool.Every six years, or at any point where revision is deemed appropriate, the revised PEOs are put before the Advisory Board and their approval issolicited.The Advisory Board contains representatives from our alumni and from industry partners who are potential employers of yourgraduates.If the Advisory Board suggests revisions, these revisions are reviewed by the Undergraduate Studies Committees and new PEOs are generated consistent with these revisions, and then the PEOs are again put to the Advisory Board for theirapproval.Once the PEO's have been approved by the Undergraduate Studies Committees and the Advisory Board, they are brought before the faculty of the Department of Computer Science for their discussion andacceptance.If the faculty recommend substantive changes to the PEOs, then the results are sent back to the Undergraduate Studies Committee and the Advisory Board forre-approval.If the recommendations are minor and non-substantive, they are made by the Director of UndergraduatePrograms.The website maintained by the Department of Computer Science for publishing the PEOs is updated with the finalrevision.At the beginning of each round of review and revision, input is collected from sources such as informal surveys of our program constituents, reports on employment outcomes for our recent graduates and feedback on success rates for our students applying to graduateschool.Information indicating that the PEOs should be revised, or that they are not being highly attained is incorporated into the assessment of the program and the coursestherein.----------

STUDENT OUTCOMES ASSESSMENT PROCESS FOR THE CS COMPONENT This section describes the expected student outcomes of the BS in CSprogram.It details the process for monitoring themá -- including how data is collected -- and for assessing when and what revisions to

courses and the program seem desirable to better meet the studentoutcomes.The CS + X program prepares students to achieve the following student outcomes by the completion of theirdegree:1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Apply computer science theory and software development fundamentals to produce computing-based solutions.

Crop Sciences, B.S. component:
1. Demonstrate knowledge in the key subject matter areas of applied plant biology; crop growth and development; crop management and protection; and soil science.
2. Demonstrate an ability to identify a problem and develop solutions using quantitative reasoning skills for analysis of biological data.
3. Demonstrate oral and written communication skills necessary to listen and make effective arguments, to share applied scientific concepts with the public, and to make use of a broad variety of media.
4. Demonstrate an ability to lead and function in multidisciplinary teams.
5. Demonstrate the ability to perform self-guided discovery in agricultural sciences, practicing skills of engagement to enhance intellectual curiosity.

Crop Sciences, M.S. Non-Thesis component:
1. Students will be able to read, understand, knowledgeably discuss and summarize in writing the primary scientific literature of one or more disciplinary areas (bioinformatics and statistics, crop genetic improvement, crop production, plant protection, sustainable food systems, and water quality and environmental systems).
2. Students will acquire professional scientific writing and communication skills.
3. Students will develop the capacity to communicate and collaborate across interdisciplinary boundaries.
4. Students will develop the interpersonal skills to be competitive for career opportunities in plant sciences and agriculture. In order to track student progress in achieving the student outcomes of the CS component of the CS + X program, the Department of Computer Science has identified a set of "core courses" that ensure student outcomes are being reached.These include the following courses that all students must take:CS 128, CS 173, CS 210, CS 225, CS 222, One of 240 or (CS 233 and CS 241), CS 374, and (CS 357 or CS 421).The non-thesis MS programs in Crop Science have four learning outcomes (detailed in 2020 updated campus assessment plan) related to critical thinking skills and knowledge development in the field of Crop Sciences.Coursework is evaluated by the instructor via grades and progress in coursework is evaluated by either the DGS (for on-campus programs).MS students must complete a final exam before graduating that evaluates overall content knowledge and integration of knowledge into a critical thinking platform.

~~into a critical thinking platform.~~

Did you make any revisions to the learning outcomes you copied and pasted from the current academic catalog?

Yes

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program Description and Requirements Attach Documents

Delivery Method

This program is available:

~~On Campus and Online - 2 program types.Students can receive the entire program either on campus or online.Students can choose to take courses in either modality.~~

On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective Admissions Term

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

There will be no impact on enrollment or degrees awarded.

Estimated Annual Number of Degrees Awarded

Year One Estimate	5th Year Estimate (or when fully implemented)
0	10

Budget

Are there budgetary implications for this revision? No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

This proposal is building on programs that already exist within the department, including an established non-thesis M.S. option, so no additional costs are expected. Upon formal acceptance into the graduate program, students will be assessed graduate student tuition.

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

BS program at Undergrad Engineering Differential, MS at Grad Base Rate

Are you seeking a change in the tuition rate or differential for this program?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

There will be no impact on faculty resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

After consulting with the librarian for Crop Sciences, current Library resources, including collections and services, are sufficient and will not be significantly impacted by the revisions to this program.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices U Program Review Comments KEY 867 12-3-2024.docx

Banner/Codebook Name

BS:BS CS&Crop/MS Crop - UIUC & MS:BS CS&Crop/MS Crop - UIUC

Program Code:	10KL5903BS & 10KS5903MS				
Minor Code	Conc Code	5903	Degree Code	Major Code	

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
DOE Approval Date	
Effective Date:	

Program Reviewer Comments	**Brooke Newell (bsnewell) (12/14/23 4:00 pm):** Rollback: Email sent to Brianna **Mary Lowry (lowry) (12/03/24 1:20 pm):** U Program Review comments attached in DMI Documentation section. **Mary Lowry (lowry) (12/03/24 1:28 pm):** Rollback: U Program Review comments attached. **Melissa Steinkoenig (menewell) (02/21/25 10:50 am):** Gen Ed Table good **Brooke Newell (bsnewell) (03/14/25 9:39 am):** Per email with Brianna G, uploaded revised sample sequence

Key: 867

Program Change Request

Date Submitted: 02/11/25 4:16 pm

Viewing: 10KL5864BS : Computer Science + Animal Sciences, BS

Last approved: 02/02/22 2:06 pm

Last edit: 03/26/25 3:12 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program	Computer Science + Animal Sciences, BS

Proposal Type:
Major (ex. Special Education)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. Gen Ed Review
3. 1538-ANSC Committee Chair
4. 1538-ANSC Head
5. 1434-SSCDS Head
6. KP Committee Chair
7. KP Dean
8. KL Committee Chair
9. KL Dean
10. University Librarian
11. COTE Programs
12. Provost
13. Senate EPC
14. Senate
15. U Senate Conf
16. Board of Trustees
17. IBHE
18. HLC
19. DMI

Approval Path

1. 12/05/24 8:42 am Donna Butler (dbutler): Approved for U Program Review
2. 12/05/24 1:37 pm Melissa Steinkoenig (menewell): Approved for Gen Ed Review
3. 12/06/24 12:20 pm Anna Dilger (adilger2): Approved for 1538

Committee Chair
4. 12/11/24 2:18 pm Daniel Shike (dshike): Approved for 1538 Head
5. 12/13/24 11:14 am Eric Shaffer (shaffer1): Approved for 1434 Head
6. 01/27/25 4:24 pm Katherine Freeman (katefree): Approved for KP Committee Chair
7. 01/28/25 7:36 am Cindy Pruitt (cpruitt): Approved for KP Dean
8. 01/28/25 9:05 am Brianna Gregg (bjgray2): Approved for KL Committee Chair
9. 01/28/25 9:11 am Anna Ball (aball): Approved for KL Dean
10. 01/28/25 12:21 pm Tom Teper (tteper): Approved for University Librarian
11. 01/28/25 1:01 pm Suzanne Lee (suzannel): Approved for COTE Programs
12. 01/30/25 7:17 am Brooke Newell (bsnewell): Rollback to KL Committee Chair for Provost

13. 02/11/25 3:32 pm Brianna Gregg (bjgray2): Approved for KL Committee Chair
14. 02/11/25 3:54 pm Anna Ball (aball): Rollback to Initiator
15. 02/18/25 3:43 pm Donna Butler (dbutler): Approved for U Program Review
16. 02/21/25 10:47 am Melissa Steinkoenig (menewell): Approved for Gen Ed Review
17. 02/21/25 11:03 am Anna Dilger (adilger2): Approved for 1538-ANSC Committee Chair
18. 02/21/25 11:04 am Anna Dilger (adilger2): Approved for 1538-ANSC Head
19. 02/21/25 11:08 am Eric Shaffer (shaffer1): Approved for 1434-SSCDS Head
20. 03/03/25 9:45 am Keri Pipkins (kcp): Approved for KP Committee Chair
21. 03/03/25 9:57 am Cindy Pruitt (cpruitt): Approved for KP Dean

22. 03/03/25 10:12 am Brianna Gregg (bjgray2): Approved for KL Committee Chair
23. 03/03/25 10:20 am Anna Ball (aball): Approved for KL Dean
24. 03/06/25 12:55 pm Tom Teper (tteper): Approved for University Librarian
25. 03/07/25 12:38 am Suzanne Lee (suzannel): Approved for COTE Programs
26. 03/19/25 3:06 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Sep 16, 2019 by Brianna Gregg (bjgray2)
2. May 6, 2021 by Anna Dilger (adilger2)
3. Feb 2, 2022 by Deb Forgacs (dforgacs)

Administration Details

Official Program Name	Computer Science + Animal Sciences, BS
Diploma Title	
Sponsor College	Agr, Consumer, & Env Sciences

Sponsor Department	Animal Sciences
Sponsor Name	Anna Dilger
Sponsor Email	adilger2@illinois.edu
College Contact	Brianna Gregg
College Contact Email	bjgray2@illinois.edu
College Budget Officer	
College Budget Officer Email	

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

Brianna Gregg or Anna Dilger

Does this program have inter-departmental administration?

Yes

Interdisciplinary Colleges and Departments (list other colleges/departments which are involved other than the sponsor chosen above)

Please describe the oversight/governance for this program, e.g., traditional departmental/college governance, roles of elected faculty committees and of any advisory committees.

College	Grainger College of Engineering
Department	Siebel School Comp & Data Sci

Is there an additional department involved in governance?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Bachelor of Science in Computer Science plus Animal Sciences in the College of Agricultural, Consumer and Environmental Sciences

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

This Computer Science + Animal Sciences, BS proposal (key 880) is related to the following:

Key 480 BS ANSC
Key 520 MANSC ANSC
Key 530 Concentration CAES ANSC
Key 531 Concentration FAPM ANSC
Key 532 Concentration SPVM ANSC
Key 881 BS ANSC Plus ANSC MS
Key 887 BS CS+ANSC Plus ANSC MS

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

(1) ALEC 115 was added as an option to complete the communication option.
(2) The formatting of the program of study (POS) and additional text was modified (e.g., graduation requirements, university requirements, and general education requirements) to adhere to the campus General Education Template.
(3) RHET 105 was removed from specifically being noted in the program of study.
(4) We gave titles (e.g., Communication Option) to "Select ____ of the following:" requirement options.
(5) We adjusted hours on electives and gen eds students must take on sample sequence.
(6) We are adding ANSC 464 to the list of options of basic course electives and ANSC 470 to the list of option of applied course electives.
(7) We removed ANSC 219, 405, 437 from the applied sciences courses and ANSC 331, 447, 448, 453, 545, 554, 561 from the basic sciences courses. Adding ANSC 454 and 480 to Basic and ANSC 460, 500, 501, 502, & 580 to applied
(8) Computer Science has revised CS 240 and CS 241 to CS 340 and CS 341. We are updating our curriculum to include these new numbers.
(9) We added the total number of hours table at the bottom of the POS.
(10) We removed the "Mathematical Foundations (fulfills Quantitative Reasoning I & II)" header.

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

(1) ALEC 115 is a new course that focuses on the communication option requirements as they relate to food, agriculture, and the environment, making it a favorable course to recommend to students.
(2) These modifications were made per the Office of the Provost General Education's initiative for transparency and accessibility in degree programs.
(3) RHET 105 was removed because students should follow the campus guidelines for Composition I placement.
(4) Titling these options makes it easier for students to make note of them on the sample sequence.
(5) We adjusted hours on electives and gen eds students must take on sample sequence to meet the 126-hour total requirement needed to graduate.
(6) These courses are newly created and appropriate for electives for our students. This will allow students to complete these courses as part of their elective degree requirements.
(7) We removed these courses because they are no longer being offered at the university.
(8) CS 240 and CS 241 are no longer offered and therefore cannot be required in our curriculum. They have been replaced by CS 340 and CS 341.
(9) Having the total number of hours at the bottom both helps students plan their programs accordingly, and also aligns with how the other Animal Science POS tables are structured.
(10) We removed this header to simplify the POS table.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

ALEC 115 - Talk About Food, Ag, Env
RHET 105 - Writing and Research
CS 240 - Intro to Computer Systems
CS 241 - System Programming
CS 340 - Intro to Computer Systems

CS 341 - System Programming

Please attach any letters of support/ acknowledgement for any Instructional Resources. Consider faculty, students, and/or other impacted units as appropriate.	Letter of Support_ALEC 115.pdf Letter of Acknowledgement_RHET 105.pdf Letter of Acknowledgement_CS 240, 241, 340, 341.pdf Letter of Acknowledgement_ALEC 115 for CMN.pdf

Program Features

Academic Level	Undergraduate
Does this major have transcripted concentrations?	No

What is the longest/maximum time to completion of this program?

4 years

What are the minimum Total Credit Hours required for this program?

126 hours

CIP Code	110199 - Computer and Information Sciences, Other.

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hours of advanced level or courses with two or more prerequisites course work within the degree program:

a) Specifically required upper-level courses for the program of study:
CS 361 (3 credit hours)
CS 222 (1 credit hour) - prerequisites: CS 128; credit or concurrent registration in CS 225
CS 225 (4 credit hours) - prerequisites: CS 126 or CS 128 or ECE 220; One of CS 173, CS 413, MATH 213, MATH 347, MATH 412, or MATH 413
CS 374 (4 credit hours)
ANSC 221 (3 credit hours) - prerequisites: ANSC 100, CHEM 102 and 103 or concurrent enrollment
ANSC 222 (3 credit hours) - prerequisites: ANSC 100, CHEM 102 and 103 or concurrent enrollment
ANSC 223 (3 credit hours) - prerequisites: ANSC 100, ANSC 221, and CHEM 104 and CHEM 105
ANSC 224 (4 credit hours) - prerequisites: ANSC 100, ANSC 221
ANSC 398 (1 credit hours)
ANSC 498 (2 credit hours)

b) Choices (i.e., "Select one of the following:") of required upper-level courses for the program of study:

CS 357 or CS 421 (3 credit hours)

Computer Science Technical Track (two options)
a) CS 233 (4 credit hours) (prerequisites: CS 125 or CS 128; CS 173 or MATH 213; credit or concurrent enrollment in CS 225) & CS 341 (4 credit hours)
b) CS 340 (3 credit hours) & Two 400-level CS courses (6 credit hours)

Applied Animal Sciences Courses (choose 3): (9 hours of upper-level coursework)
ANSC 301
ANSC 305
ANSC 307
ANSC 309
ANSC 310
ANSC 312
ANSC 313
ANSC 314
ANSC 322
ANSC 370
ANSC 400
ANSC 401

ANSC 402
ANSC 403
ANSC 404
ANSC 407
ANSC 424
ANSC 435
ANSC 471
ANSC 500
ANSC 501
ANSC 502
ANSC 580

Basic Animal Sciences Courses (choose 3): (9 hours of upper-level coursework)
ANSC 350
ANSC 363
ANSC 366
ANSC 406
ANSC 409
ANSC 420
ANSC 421
ANSC 422
ANSC 431
ANSC 438
ANSC 440
ANSC 441
ANSC 444
ANSC 445
ANSC 446
ANSC 449
ANSC 450
ANSC 451
ANSC 452
ANSC 454
ANSC 460
ANSC 467
ANSC 480
ANSC 509
ANSC 520
ANSC 521
ANSC 522
ANSC 523
ANSC 524
ANSC 525

ANSC 525
ANSC 526
ANSC 533
ANSC 541
ANSC 542
ANSC 543

c) Elective upper-level courses for the program of study:

N/A

Total upper-level hours = 57

Revised programs

Side by Side_ Computer Science + Animal Science, BS.xlsx
Sample Sequence_ Computer Science + Animal Sciences BS.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Statement for
Programs of Study
Catalog

Graduation Requirements
Minimum hours required for graduation: 126 hours.
University Requirements
Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.
The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.
General Education Requirements
Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in the program.

Composition I	4-6
Advanced Composition	3
Humanities & the Arts (6 hours)	6
Natural Sciences & Technology (6 hours)	6
fulfilled by CHEM 102 & CHEM 104	
Social & Behavioral Sciences (6 hours)	6

fulfilled by ECON 102 or ACE 100 and one more course approved as Social & Behavioral Sciences		
Cultural Studies: Non-Western Cultures (1 course)		3
Cultural Studies: US Minority Cultures (1 course)		3
Cultural Studies: Western/Comparative Cultures (1 course)		3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)		6-8
fulfilled by MATH 220 or MATH 221, MATH 231, CS 124, CS 128, and CS 225		
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)		0-15
~~**Composition and Speech (choose 1 from):**~~		~~**6-7**~~
~~RHET 105 & CMN 101~~	~~Writing and Research and Public Speaking~~	
Department Foundation		
~~Western Culture (students select from Gen Ed List)~~		
~~Non-Western Culture (students select from Gen Ed List)~~		
~~US Minority Culture (students select from Gen Ed List)~~		
~~**Language other than English (at or above 3rd level)**~~		
~~**Natural Sciences and Technology**~~		~~**8**~~
Communication Option:		3 or 6
CMN 101	Public Speaking	
ALEC 115	Let's Talk about Food, Agriculture, and the Environment	
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	
~~**Advanced Composition (students select from Gen Ed List)**~~		~~**3-4**~~
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4
~~**Humanities and the Arts (students select from Gen Ed List)**~~		~~**6**~~
~~**Social and Behavioral Sciences**~~		~~**6-7**~~
ECON 102	Microeconomic Principles	3 or 4

or ACE 100	Introduction to Applied Microeconomics	
~~Students choice from Gen Ed List~~		
~~Mathematical Foundations (fulfills Quantitative Reasoning I & II)~~		
MATH 220	Calculus	4 or 5
or MATH 221	Calculus I	
MATH 225	Introductory Matrix Theory	2 or 3
or MATH 257	Linear Algebra with Computational Applications	
MATH 231	Calculus II	3
CS 361	Probability & Statistics for Computer Science	3
Computer Sciences Core		
CS 100	Computer Science Orientation	1
CS 124	Introduction to Computer Science I	3
CS 128	Introduction to Computer Science II	3
CS 173	Discrete Structures	3
CS 222	Software Design Lab	1
CS 225	Data Structures	4
CS 374	Introduction to Algorithms & Models of Computation	4
CS 357	Numerical Methods I	3 or 4
or CS 421	Programming Languages & Compilers	
Computer Science Technical Track (two options)		
CS 233 & CS 341	Computer Architecture and System Programming	
OR		
~~CS 240~~	~~Course CS 240 Not Found~~	
CS 340	Introduction to Computer Systems	
& Two 400-level CS courses	Any two (2) 400-level CS courses above CS 403 except CS 421 and CS 491	
Animal Sciences Core		

ANSC 100	Intro to Animal Sciences	4
ANSC 221	Cells, Metabolism and Genetics	3
ANSC 222	Anatomy and Physiology	3
ANSC 223	Animal Nutrition	3
ANSC 224	Animal Reproduction and Growth	4
ANSC 398	UG Experiential Learning (must be taken for a letter grade)	1
ANSC 498	Integrating Animal Sciences	2
Applied Animal Sciences Courses (choose 3)		**9**
ANSC 201	Principles of Dairy Production	
ANSC 204	Course ANSC 204 Not Found	
ANSC 205	World Animal Resources	
ANSC 206	Horse Management	
ANSC 211	Breeding Animal Evaluation	
~~ANSC 219~~	~~Course ANSC 219 Not Found~~	
ANSC 250	Companion Animals in Society	
ANSC 301	Food Animal Production, Management, and Evaluation	
ANSC 305	Human Animal Interactions	
ANSC 307	Companion Animal Management	
ANSC 309	Meat Production and Marketing	
ANSC 310	Meat Selection and Grading	
ANSC 312	Advanced Livestock Evaluation	
ANSC 313	Horse Appraisal	
ANSC 314	Adv Dairy Cattle Evaluation	
ANSC 322	Livestock Feeds and Feeding	
ANSC 370	Companion Animal Policy	
ANSC 400	Dairy Herd Management	
ANSC 401	Beef Production	
ANSC 402	Sheep and Goat Production	
ANSC 403	Pork Production	

ANSC 404	Poultry Science
~~ANSC 405~~	~~Course ANSC 405 Not Found~~
ANSC 407	Animal Shelter Management
ANSC 424	Pet Food & Feed Manufacturing
ANSC 435	Milk Quality and Udder Health
~~ANSC 437~~	~~Course ANSC 437 Not Found~~
ANSC 460	The Secret Life of Animals: How Technology Can Help You Observe It and Take Action
ANSC 470	Companion Animal Cruelty Investigations
ANSC 471	ANSC Leaders & Entrepreneurs
ANSC 500	Feeds in Dairy Nutrition and Diet Formulation
ANSC 501	Nutritional Impact on Cow Health and Disorders
ANSC 502	What is Milk and Milk Quality
ANSC 580	Artificial Intelligence and Computer Vision for Precision Management
Basic Animal Sciences Courses (choose 3)	**9**
ANSC 251	Epidemics and Infectious Diseases
ANSC 306	Equine Science
~~ANSC 331~~	~~Course ANSC 331 Not Found~~
ANSC 350	Cellular Metabolism in Animals
ANSC 363	Behavior of Domestic Animals
ANSC 366	Animal Behavior
ANSC 406	Zoo Animal Conservation Sci
ANSC 409	Meat Science
ANSC 420	Ruminant Nutrition
ANSC 421	Minerals and Vitamins
ANSC 422	Companion Animal Nutrition
ANSC 431	Advanced Reproductive Biology
ANSC 438	Lactation Biology
ANSC 440	Applied Statistical Methods I
ANSC 441	Human Genetics

ANSC 444	Applied Animal Genetics
ANSC 445	Statistical Methods
ANSC 446	Population Genetics
~~ANSC 447~~	~~Course ANSC 447 Not Found~~
~~ANSC 448~~	~~Course ANSC 448 Not Found~~
ANSC 449	Biological Modeling
ANSC 450	Comparative Immunobiology
ANSC 451	Microbes and the Anim Indust
ANSC 452	Animal Growth and Development
~~ANSC 453~~	~~Course ANSC 453 Not Found~~
ANSC 454	Neuroimmunology
ANSC 460	The Secret Life of Animals: How Technology Can Help You Observe It and Take Action
ANSC 464	Physiology of Animal Stress & Disease
ANSC 467	Applied Animal Ecology
ANSC 480	Introduction to Coding and Precision Management
ANSC 509	Muscle Biology
ANSC 520	Protein and Energy Nutrition
ANSC 521	Regulation of Metabolism
ANSC 522	Advanced Ruminant Nutrition
ANSC 523	Techniques in Animal Nutrition
ANSC 524	Nonruminant Nutrition Concepts
ANSC 525	Topics in Nutrition Research
ANSC 526	Adv Companion Animal Nutrition
ANSC 533	Repro Physiology Lab Methods
ANSC 541	Regression Analysis
ANSC 542	Applied Bioinformatics
ANSC 543	Bioinformatics
~~ANSC 545~~	~~Course ANSC 545 Not Found~~
~~ANSC 554~~	~~Course ANSC 554 Not Found~~

~~ANSC 561~~ ~~Course ANSC 561 Not Found~~

Total Hours **126**

Corresponding Degree: BS Bachelor of Science

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

No

Student Learning Outcomes

Students will be prepared to work with sensor technology, large data sets, and predictive analytics, all aimed at improving the health and well-being of production animals and pets. ~~No change~~

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program Description and Requirements

Attach Documents

Delivery Method

This program is available:

On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective Admissions Term

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

This revision won't impact enrollment or degrees awarded.

Estimated Annual Number of Degrees Awarded

Year One Estimate	see attached.	5th Year Estimate (or when fully implemented)

see attached.

What is the matriculation term for this program?

Fall

Budget

Are there budgetary implications for this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget

Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

N/A ~~No change~~

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition, or Engineering Differential, or Social Work Online (no dollar amounts necessary)

Undergraduate Engineering Differential

Are you seeking a change in the tuition rate or differential for this program?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

There will be no impact on faculty resources.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

After consulting with the Agriculture Librarian, current Library resources, including collections and services, are sufficient and will not be significantly impacted by the revisions to this program.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/ Approval Notices

Non-EP Documentation

U Program Review Comments

Rollback Documentation and Attachment

DMI Documentation

Attach Final Approval Notices: U Program Review Comments KEY 880 Computer Science + Animal Sciences, BS 11_25_2024.docx

Banner/Codebook Name

BS:Comp Sci & Animal Sci -UIUC

Program Code: 10KL5864BS

Minor Code	Conc Code	Degree Code	BS Major Code
5864			

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date

Effective Date:

Program Reviewer Comments

Deb Forgacs (dforgacs) (12/02/22 9:48 am): Rollback: requested.
Brooke Newell (bsnewell) (12/08/22 3:07 pm): Rollback: .
Brooke Newell (bsnewell) (11/25/24 8:26 am): U Program Review Comments saved in DMI Documentation section
Brooke Newell (bsnewell) (11/25/24 8:26 am): Rollback: Per request from Brianna G.
Melissa Steinkoenig (menewell) (12/05/24 1:37 pm): Gen Ed Table Check: Good
Katherine Freeman (katefree) (01/24/25 3:09 pm): Program review comments were addressed.
Brooke Newell (bsnewell) (01/30/25 7:17 am): Rollback: Rolled back per email conversation

with Brianna G.

Anna Ball (aball) (02/11/25 3:54 pm): Rollback: Per request

Melissa Steinkoenig (menewell) (02/21/25 10:47 am): Gen Ed Table good

Brooke Newell (bsnewell) (03/17/25 2:46 pm): Updates made per email discussion with Brianna G.

Program Change Request

Date Submitted: 02/12/25 10:57 am

Viewing: 10KR0169BFA : Art Education, BFA

Last approved: 10/01/24 11:58 am

Last edit: 03/26/25 3:13 pm

Changes proposed by: Nicole Turner

Catalog Pages Using this Program: Art Education, BFA

Proposal Type:
Major (ex. Special Education)

This proposal is for a:
Revision

In Workflow

1. U Program Review
2. Gen Ed Review
3. 1526-ART Head
4. KR Dean
5. University Librarian
6. COTE Programs
7. Provost
8. Senate EPC
9. Senate
10. U Senate Conf
11. Board of Trustees
12. IBHE
13. HLC
14. DMI

Approval Path

1. 02/18/25 2:51 pm Donna Butler (dbutler): Approved for U Program Review
2. 02/21/25 10:52 am Melissa Steinkoenig (menewell): Approved for Gen Ed Review
3. 02/24/25 10:41 am Melissa Pokorny (mpokorny): Approved for 1526-ART Head
4. 03/14/25 9:54 am Nicole Turner (nicturn): Approved for KR Dean
5. 03/18/25 11:32 am

Claire Stewart (clairest): Approved for University Librarian

6. 03/19/25 2:57 pm Suzanne Lee (suzannel): Approved for COTE Programs
7. 03/19/25 3:05 pm Brooke Newell (bsnewell): Approved for Provost

History

1. Apr 6, 2019 by Deb Forgacs (dforgacs)
2. Sep 3, 2019 by Nicole Turner (nicturn)
3. May 5, 2022 by Nicole Turner (nicturn)
4. Aug 25, 2022 by Nicole Turner (nicturn)
5. Feb 1, 2024 by Nicole Turner (nicturn)
6. May 7, 2024 by Nicole Turner (nicturn)
7. Oct 1, 2024 by Nicole Turner (nicturn)

Administration Details

Official Program Name	Art Education, BFA

Diploma Title	Bachelor of Fine Arts in Art Education
Sponsor College	Fine & Applied Arts
Sponsor Department	Art and Design
Sponsor Name	Melissa Pokorny
Sponsor Email	mpokorny@illinois.edu
College Contact	Nicole Turner
College Contact Email	nicturn@illinois.edu
College Budget Officer	Greg Anderson
College Budget Officer Email	gnanders@illinois.edu

If additional stakeholders other than the Sponsor and College Contacts listed above should be contacted if questions during the review process arise, please list them here.

KR Dean

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

Proposal Title (either Establish/Revise/Eliminate the Degree Name in Program Name in the College of XXXX, i.e., Establish the Bachelor of Science in Entomology in the College of Liberal Arts and Sciences, include the Graduate College for Grad Programs)

Revise the Bachelor of Fine Arts in Art Education in the College of Fine and Applied Arts

Does this proposal have any related proposals that will also be revised at this time and the programs depend on each other? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently and together as needed. Format your response like the following "This BS proposal (key 567) is related to the Concentration A proposal (key 145)"

Program Justification

Provide a brief description, using a numbered item list, of the proposed changes to the program.

1. Changing art history 200-400 level requirement language to remove 'advanced'
2- Responding to accreditation question

Did the program content change 25% or more in relation to the total credit hours, since the most recent university accreditation visit? See the italicized text below for more details.

No

Provide the reasoning for why each change was necessary, using a corresponding numbered item list as it relates to the brief description numbered list above.

1. Advanced implies 300 or higher level, but the POS already indicates the arth requirement is 200-400, so it is removed for clarity.
2-Adding in NASAD information

No changes to total hours or requirements in the degree.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/ revision of this program? If Yes is selected, indicate the appropriate courses and attach the letter of support/ acknowledgement.

No

Program Features

Academic Level	Undergraduate
Does this major have transcripted concentrations?	No

What is the longest/maximum time to completion of this program?

4 years

What are the minimum Total Credit Hours required for this program?

130 hours

CIP Code 131302 - Art Teacher Education.

Is this program part of an ISBE approved licensure program?

Yes

Will specialized accreditation be sought for this program?

Yes ~~No~~

Describe the institution's plan for seeking specialized accreditation for this program.

The School of Art and Design at UIUC is accredited by the National Association of Schools of Art and Design (NASAD).

Does this program prepare graduates for entry into a career or profession that is regulated by the State of Illinois?

No

Program of Study

Provide detailed information (course rubrics, numbers, and credit hours) of how a student could obtain 40 credit hours of upper-division coursework.

40 hour upper division/advanced course requirement
ARTE 301, 400, 393 - 9 hours
ARTE 303, 304 - 5 hours
SPED 405, CI 473 - 6 hours
ARTE 401, EDPR 438, EDPR 442 - 14 hours
200 level Art Education- Art & Design category requirements, which must be completed after the 17 hours of First Year Curriculum coursework- 6 hours

Revised programs Art Education sample schedule FA 25.docx

Catalog Page Text - Overview Tab

Catalog Page Overview Text

A portfolio review is required for admission to the School of Art and Design.

Is the overview text above correct?

Yes

Statement for
Programs of Study
Catalog

Graduation Requirements

Minimum hours required for graduation: 130 hours.

To be recommended for licensure, candidates are required to maintain a UIUC cumulative grade-point average of 2.5 (A=4.0).

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300- or 400-level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in Art and Design.

Composition I	4-6
Advanced Composition	3
Humanities & the Arts (6 hours)	6
fulfilled by ARTH 110 and any other course approved as Humanities & the Arts	
Natural Sciences & Technology (6 hours)	6
Social & Behavioral Sciences (6 hours)	6
fulfilled by EPSY 201 and any other course approved as Social & Behavioral Sciences	
Cultural Studies: Non-Western Cultures (1 course)	3
Cultural Studies: US Minority Cultures (1 course)	3
Cultural Studies: Western/Comparative Cultures (1 course)	3
fulfilled by ARTH 110	
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)	6-10
Language Requirement (Completion of the third semester or equivalent of a language other than English is required)	0-15

First Year Curriculum

FAA 101	Arts at Illinois	1
ARTF 101	Contemporary Issues in Art	2
ARTE 101	Art, Design, and Society	2
ARTH 110	Introduction to the History of Art and Visual Culture	3

ARTF 103	Design I	3
ARTF 105	Design II	3
Select one Drawing course:		3
ARTF 102	Observational Drawing	
ARTF 104	Expressive Drawing	
ARTF 106	Visualization Drawing	
Total Hours		**17**

Art Education

Art education courses are applicable to professional education requirements for teacher certification.

These courses must be completed prior to student teaching		
ARTE 202	Facilitating the Art Experience	3
ARTE 301	Curriculum, Assessment, and Art Education	3
ARTE 303	Everyday Arts Lab	3
ARTE 304	Practicum Teaching Experience	2
ARTE 393	Teachers as Researchers	3
ARTE 400	Art-Centered Learning at the Secondary Level	3
Total Hours		17

Professional Education

EPOL 201	Foundations of Education	3
or EPOL 202	Foundations of Education-ACP	
EPSY 201	Educational Psychology	3
SPED 405	General Educator's Role in Special Education	3
CI 473	Disciplinary Literacy	3
Total Hours		12

Student Teaching

ARTE 401	Teaching Seminar	4
EDPR 438	Educational Practice in Special Fields	5
EDPR 442	Educational Practice in Secondary Education	5
Total Hours		14

Art and Design

ARTS 251	Beginning Painting	3
ARTS 354	Intermediate Painting	3
or ARTS 252	Making and Meaning	
One Additional 3D Course (200 level or above, chosen in consultation with advisor)		3
One Additional 4D Course (200 level or above, chosen in consultation with advisor)		3
Total Hours		12

Art History

Art history courses (200-level or above)	9
Total Hours	9

Art & Design Electives

Art & Design Electives (ARTS, ARTD, ARTE, ARTH, or ARTJ) courses not otherwise required in major	9
Total Hours	9

Summary of credits for Bachelor of Fine Arts in Art Education

General Education	
First-Year Curriculum	17
Art Education	17
Professional Education	12
Student Teaching	14
Art & Design	12
Art History	9
Art & Design Electives	9
Electives to bring the total hours earned to 130, including a minimum of 40 credits at the 300- or 400-level.	
Total Hours	**130**

Corresponding Degree	BFA Bachelor of Fine Arts

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

Illinois Administrative Code: 1050.30(b)(1)(D) Provision is made for guidance and counseling of students, evaluations of student performance, continuous monitoring of progress of students toward their degree objectives and appropriate academic record keeping.

Are the learning outcomes for the program listed in the Academic Catalog?

Yes

Student Learning Outcomes

Students graduating with the BFA in Art Education should be able to:

Understand the diverse characteristics and abilities of their students and how individuals develop and learn within the context of their social, economic, cultural, linguistic, and academic experiences. Our graduates are prepared to use these experiences to create instructional opportunities that maximize student learning in diverse art education settings such as schools, museums, and community centers.

Understand content area knowledge in fine art and visual culture that includes central concepts, methods of inquiry, structures of the disciplines, and content area literacy. Our graduates are prepared to create meaningful learning experiences for students through both content area and pedagogical knowledge.

Plan and design instruction for diverse art education settings based upon content area knowledge, diverse student characteristics, student performance data, curriculum goals, and the community context.

Create safe and healthy art education learning environments that facilitate cultural and linguistic responsiveness, emotional well-being, self-efficacy, positive social interaction, mutual respect, active engagement, academic risk-taking, self-motivation, and personal goal-setting.

Differentiate instruction by using a variety of strategies that support critical and creative thinking, problem-solving, and continuous growth and learning. Our graduates understand that art education settings are dynamic, thus requiring ongoing modification of instruction to enhance learning for each student.

Enact critical and humanizing expressions of art education that redress and challenge systemic injustices that relate to social identities associated with race, class, gender, sexuality, immigrant origin, religion, age, mental and physical disabilities, and mental and physical illnesses.

Possess foundational knowledge of reading, writing, and oral communication within art education (e.g. curriculum and lesson planning, assessment tools, etc.) and recognizes and addresses how student reading, writing, and oral communication facilitate the acquisition of knowledge in art education.

Understand the purposes, characteristics, and limitations of different types of assessments in art education, including standardized assessments, universal screening, curriculum-based assessment, and progress monitoring tools.

Build and maintain collaborative relationships with colleagues, students, parents, and community members to foster cognitive, linguistic, physical, and social and emotional development of their students.

Exhibit ethical, reflective, and professional practices, while providing leadership in their educational settings and advocating for students, parents or guardians, and the profession.

Did you make any revisions to the learning outcomes you copied and pasted from

the current academic catalog?

No

Describe how, when, and where these learning outcomes will be assessed.

Describe here:

Identify faculty expectations for students' achievement of each of the stated student learning outcomes. What score, rating, or level of expertise will signify that students have met each outcome? Provide rating rubrics as necessary.

Explain the process that will be implemented to ensure that assessment results are used to improve student learning.

Program
Description and
Requirements
Attach Documents

Delivery Method

This program is
available:

On Campus - Students are required to be on campus, they may take some online courses.

Admission Requirements

Desired Effective
Admissions Term

Is this revision a change to the admission status of the program?

No

Provide a brief narrative description of the admission requirements for this program. Where relevant, include information about licensure requirements, student background checks, GRE and TOEFL scores, and admission requirements for transfer students.

Enrollment

Describe how this revision or phase down/elimination will impact enrollment and degrees awarded. If this is an elimination/phase down proposal include the plans for the students left in the program.

No impact.

Estimated Annual Number of Degrees Awarded

Year One Estimate	5th Year Estimate (or when fully implemented)

What is the matriculation term for this program?

Fall

Budget

Are there budgetary implications for this revision?

No

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

Will the unit need to seek campus or other external resources?

No

Attach letters of support

What tuition rate do you expect to charge for this program? e.g, Undergraduate Base Tuition,

or Engineering Differential, or Social Work Online (no dollar amounts necessary)

FAA Differential

Are you seeking a change in the tuition rate or differential for this program?

No

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc.

No impact.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

Library resources, collections, and services are sufficient to meet the needs of the program outlined in this proposal.

EP Documentation

EP Control Number EP.25.077

Attach Rollback/
Approval Notices

Non-EP Documentation

U Program Review
Comments

Rollback
Documentation and
Attachment

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook
Name

BFA:Art Education -UIUC

Program Code: 10KR0169BFA

Minor Code	Conc Code	Degree Code	BFA Major Code
0169			

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
DOE Approval Date	n/a
Effective Date:	

Program Reviewer Comments

Donna Butler (dbutler) (02/18/25 2:51 pm): The Catalog Overview text in this CIM record does NOT match the current Overview page in the Academic Catalog. We would like to get these records in sync, so please review and clarify what text you want on the Overview page.
Melissa Steinkoenig (menewell) (02/21/25 10:52 am): Gen Ed Table good