

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

EP.23.006 Report of Administrative Approvals through September 12, 2022

Senate committees are authorized to act for and in the name of the Senate on minor matters. Below is a listing of the administrative approvals the Senate Committee on Educational Policy approved at its meeting on September 12, 2022. For each program listing, there is no change to the total hours required. Additional information for each approval is attached.

A. Graduate Programs

- 1) **Revise the concentration in Data Analytics in Finance in the Gies College of Business and the Graduate College (key 478)** - adds one course to the “choose any two of the following” list.

B. Undergraduate Programs

- 1) **Revise the concentration in Agroecology in the Bachelor of Science in Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences (key 639)** – establishes a Crop Sciences core course list and a list of required courses for the concentration, as well as widens the elective hours options to an overall greater list of courses.
- 2) **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)** - establishes a Crop Sciences core course list and a list of required courses for the concentration, as well as widens the elective hours options to an overall greater list of courses.
- 3) **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)** - establishes a Crop Sciences core course list and a list of required courses for the concentration, as well as widens the elective hours options to an overall greater list of courses.
- 4) **Revise the Bachelor of Science in Liberal Arts and Sciences in Integrative Biology in the College of Liberal Arts and Sciences (key 723)** – removes footnotes and provides course lists within the program of study, rather than weblinks to departmental website, to improve student transparency and clarity.

Program Change Request

Date Submitted: 06/22/22 1:53 pm

Viewing: **5877 : Data Analytics in Finance - Floating**

Last approved: 01/06/22 1:55 pm

Last edit: 09/07/22 2:27 pm

Changes proposed by: Jonathan Hall

[Data Analytics in Finance Graduate Concentration](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. **U Program Review**
2. **1260 Committee Chair**
3. **1260 Head**
4. **KM Grad Committee Chair**
5. **KM Committee Chair**
6. **KM Dean**
7. **University Librarian**
8. **Grad_College**
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. 06/23/22 7:32 am
Emily Stuby
(eastuby):
Approved for U
Program Review
2. 06/23/22 7:39 am
Nolan Miller
(nmiller):
Approved for 1260
Committee Chair
3. 06/23/22 4:45 pm
Louis Chan (l-
chan2): Approved
for 1260 Head
4. 06/30/22 12:05
pm
Nerissa Brown
(nerissab):

Approved for KM
Grad Committee
Chair

5. 07/25/22 10:16
am

Jiekun Huang
(huangjk):

Approved for KM
Committee Chair

6. 07/26/22 8:58 am

Brooke Elliott

(wbe): Approved
for KM Dean

7. 07/26/22 10:07
am

John Wilkin

(jpwilkin):

Approved for
University

Librarian

8. 08/29/22 3:46 pm

Allison McKinney

(agrindly):

Approved for
Grad_College

9. 09/07/22 11:40
am

Brooke Newell

(bsnewell):

Approved for
Provost

History

1. Jan 22, 2020 by
Dustin Janes
(djanes3)

2. Feb 19, 2020 by
Deb Forgacs
(dforgacs)

3. Oct 9, 2020 by
Deb Forgacs
(dforgacs)

4. Jan 6, 2022 by
Hanna Richmond
(hrichmnd)

This proposal is
for a:
Revision

Administration Details

Official Program Name Data Analytics in Finance - Floating
Diploma Title
Sponsor College Gies College of Business
Sponsor Department Finance
Sponsor Name Martin Widdicks; Louis Chan
Sponsor Email widdicks@illinois.edu; l-chan2@illinois.edu
College Contact Jeff Brown, Dean, College of Business c/o Lorena Nicholas
College Contact Email lorenan@illinois.edu
College Budget Officer
College Budget Officer Email

List the role for rollbacks (which role will edit the proposal on questions from EPC, e.g., Dept Head or Initiator) and/or any additional stakeholders. Purpose: List here who will do the editing work if proposal needs rolled back. And any other stakeholders.

Does this program have inter-departmental administration?
No

Proposal Title

Effective Catalog Term Spring 2023

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 Liberals Art and Sciences, include the Graduate College for Grad Programs)

Revise the concentration in Data Analytics in Finance in the Gies College of Business and the Graduate College

Does this proposal have any related proposals that will also be revised during the next 6 weeks? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently. Example: If you are revising the BS proposal and one related concentration within the next 6 weeks, "This BS proposal (key 567) is related to the Concentration A proposal (key 145)."

Program Justification

Why are these changes necessary?

FIN 580 Financial Data Management and Analysis has been given its own course number, FIN 557, and needs to be added to the list of courses in the concentration. Please see attached file for FIN 557.

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?

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/revision of this program?

No

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.

List the program's student learning outcomes. Each outcome should identify what students are expected to know and/or be able to do upon completing this program.

No licensure or certification requirements for this concentration.

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

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

Program of Study

"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

Revised programs Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chase-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text - Overview Tab

Description of program for the catalog page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

<http://catalog.illinois.edu/graduate/graduate-majors/finance/#masterstext>. A statement will be needed on this page for the MSF that outlines how the concentration fits in with the existing program of study.

<http://catalog.illinois.edu/graduate/graduate-majors/financial-eng/#masterstext>
A statement will be needed on this page that outlines how the concentration fits in with the existing program as described in this proposal.

Statement for
Programs of
Study Catalog

Course List

| Code | Title | Hours |
|----------------------------------|--|----------|
| FIN 550 | Big Data Analytics in Finance for Predictive and Causal Analysis | 4 |
| Choose any two of the following: | | |
| FIN 552 | Applied Financial Econometrics | 4 |
| FIN 537 | Financial Risk Management | 4 |
| FIN 553 | Machine Learning in Finance | 4 |
| FIN 555 | Financial Innovation | 4 |
| FIN 557 | <u>Financial Data Management and Analysis</u> | <u>4</u> |
| FIN 580 | Special Topics in Finance | 4 |
| Total Hours | | 12 |

Program Relationships

Corresponding

Program(s):

| |
|---------------------------|
| Corresponding Program(s) |
| Finance, MS |
| Financial Engineering, MS |
| Business Analytics, MS |

Program Features

Academic Level Graduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

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

MSF

The concentration makes no change to the program of study (POS) for MSF as the MSF degree has a large number of elective credits built in. Of the 40 credit hours, there are 24 credit hours of electives. The 12 credit hours required for the concentration can be obtained by taking elective classes already available for MSF students.

MSFE

The concentration also makes no change to the POS for the MSFE degree. One of the classes required for the concentration is already a core class for MSFE (FIN 537 in the spring) and the other two classes can be taken as part of the offerings in the final semester – one as a core class and one as the final semester elective.

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 should increase enrollment and degrees awarded since FIN 557 adds to current list of data analytics courses .

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

Current academic and administrative staff in the Department of Finance and the Gies College of Business office have the capacity to serve as advisors, maintain records, and process student registration in the concentration and related coursework.

Current instructional staff in the Department of Finance will offer and instruct the courses. No other additional/incremental resources are necessary for this concentration. If there are unforeseen demands for extra capacity, some existing faculty can be shifted out of relatively low-demand electives, with minimal disruption to overall learning outcomes of students.

No other additional / incremental resources are necessary for this concentration. We do not anticipate having to shift or otherwise alter existing capacity. No additional campus or external resources are needed for this concentration.

We will use currently available resources to fund the appointments. A letter from the college is attached.

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

Current academic and administrative staff in the Department of Finance and the Gies College of Business office have the capacity to serve as advisors, maintain records, and process student registration in the concentration and related coursework.

Current instructional staff in the Department of Finance will offer and instruct the courses. We expect that introducing the concentration will increase the appeal of the MS Finance/MS Financial Engineering/Business Analytics programs, thereby expanding enrollment and generating incremental revenues that should more than cover any additional costs.

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

No

Attach letters of support

Is this program requesting self-supporting status?

No

Attach File(s)

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 of faculty resources since FIN 557 was formerly a FIN 580. The same instructor will be teaching the course. Graduate advisors will appraise students of the updated course content.

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 collections, resources and services are sufficient to support.

HLC Section

Credit Hours

Of the total hours required, what is the:

#/% of credit hours of existing or repackaged curricula

#/% of hours of revised or redesigned curricula

#/% New curricula

Institutional level

Degree or nearest institutional level

Program Instructional Level

Does the unit currently offer programs at the same instructional level as the proposed program?

Institutional 4 digit CIP Code

Does the institution currently offer a program with the same 4-digit CIP as the proposed program?

Institutional 2 digit CIP Code

Does the institution currently offer a program with the same 2-digit CIP code as the proposed program?

Replace CIP Code

Will the proposed program replace a program currently offered with the same CIP code?

New Faculty Required

Will new faculty expertise or new faculty members be needed to launch this program?

Additional Funds

Will the proposed program require a large outlay of additional funds by the institution?

Institutional Funding

Please explain institutional funding for proposed program:

EP Documentation

EP Control Number EP.23.006

Attach Rollback/Approval Notices

This proposal requires HLC inquiry No

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name Data Analytics in Finance

Program Code: 5877

| Minor Code | Conc Code | 5877 | 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:

Attached Document Justification for this request

Program Reviewer Comments **Deb Forgacs (dforgacs) (06/22/22 1:45 pm):** Rollback: requested
Barbara Lehman (bjlehman) (09/13/22 8:17 am): EP.23.006

Program Change Request

Date Submitted: 12/18/21 9:33 pm

Viewing: **10KL0031BS : Crop Sciences:**

Agroecology, BS

Last approved: 10/09/19 1:37 pm

Last edit: 09/07/22 2:26 pm

Changes proposed by: Lane Rayburn

[Crop Sciences: Agroecology, BS](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

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

Approval Path

1. 01/05/22 2:25 pm
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 01/05/22 2:56 pm
Kris Lambert
(knlamber):
Approved for 1802
Committee Chair
3. 01/06/22 11:42
am
Adam Davis
(asdavis1):
Approved for 1802
Head
4. 02/11/22 3:03 pm
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
5. 02/14/22 10:46

- am
Anna Ball (aball):
Approved for KL
Dean
6. 02/14/22 10:47
am
John Wilkin
(jpwilkin):
Approved for
University
Librarian
7. 02/16/22 4:27 pm
Kathy Martensen
(kmartens):
Rollback to KL
Committee Chair
for Provost
8. 03/11/22 3:47 pm
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
9. 03/12/22 4:48 am
Anna Ball (aball):
Approved for KL
Dean
10. 03/12/22 6:52 am
John Wilkin
(jpwilkin):
Approved for
University
Librarian
11. 03/23/22 2:51 pm
Kathy Martensen
(kmartens):
Rollback to KL
Dean for Provost
12. 03/23/22 3:12 pm
Anna Ball (aball):
Rollback to KL
Committee Chair
for KL Dean
13. 07/01/22 11:27
am
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair

14. 07/05/22 10:33 am
Anna Ball (aball):
Approved for KL
Dean
15. 07/05/22 10:56 am
John Wilkin
(jpwilkin):
Approved for
University
Librarian
16. 08/18/22 12:56 pm
Brooke Newell
(bsnewell):
Rollback to KL
Committee Chair
for Provost
17. 08/18/22 2:31 pm
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
18. 08/18/22 4:09 pm
Anna Ball (aball):
Approved for KL
Dean
19. 08/18/22 4:22 pm
John Wilkin
(jpwilkin):
Approved for
University
Librarian
20. 08/22/22 8:10 am
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Jun 10, 2019 by
Deb Forgacs
(dforgacs)
2. Oct 9, 2019 by
Scott Bartlett
(sbartlet)

Concentration (ex. Dietetics)

This proposal is
for a:
Revision

Administration Details

Official Program Name Crop Sciences: Agroecology, BS

Diploma Title

Sponsor College Agr, Consumer, & Env Sciences

Sponsor Department Crop Sciences

Sponsor Name [Kris Lambert](#) ~~Scott Bartlett~~

Sponsor Email knlamber@illinois.edu ~~sbartlet@illinois.edu~~

College Contact Brianna Gregg

College Contact
Email

bjgray2@illinois.edu

College Budget
Officer

College Budget
Officer Email

List the role for rollbacks (which role will edit the proposal on questions from EPC, e.g., Dept Head or Initiator) and/or any additional stakeholders. Purpose: List here who will do the editing work if proposal needs rolled back. And any other stakeholders.

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term Fall 2022

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

In this proposal, the core Crop Sciences courses have been identified in a separate section. Core concentration courses were also identified. Courses that have been discontinued have been removed from the concentration requirements. In concentration electives, all CPSC courses are now options for this concentration.

Does this proposal have any related proposals that will also be revised during the next 6 weeks? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently. Example: If you are revising the BS proposal and one related concentration within the next 6 weeks, "This BS proposal (key 567) is related to the Concentration A proposal (key 145)."

These 3 program revisions are related:

Crop Sciences: Agroecology, BS key 639

Crop Sciences: Crop Agribusiness, BS key 762

Crop Sciences: Horticultural Food Systems, BS key 536

Program Justification

Why are these changes necessary?

The Crop Science curriculum has been revised with courses removed, added or modified. During this revision a set of Crop Sciences core courses were established for all majors. These core courses need to be added to the concentration. These revisions also required a change in the concentration core. Due to deactivation and addition of courses in CPSC and other departments, having specific electives was cumbersome and required multiple petitions. By opening up the electives, this issue was resolved. In addition, students can now tailor their courses to their specific issues and therefore be more relevant to their needs.

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?

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/revision of this program?

Yes

Courses outside of the sponsoring department/interdisciplinary departments

[CHEM 232 - Elementary Organic Chemistry I](#)

[IB 150 - Organismal & Evolutionary Biol](#)

[IB 203 - Ecology](#)

[MCB 150 - Molec & Cellular Basis of Life](#)

[MCB 100 - Introductory Microbiology](#)

[MCB 101 - Intro Microbiology Laboratory](#)

[IB 104 - Animal Biology](#)

[NRES 474 - Soil and Water Conservation](#)

[NRES 488 - Soil Fertility and Fertilizers](#)

[ACE 210 - Environmental Economics](#)

[ACE 310 - Natural Resource Economics](#)

[NRES 401 - Watershed Hydrology](#)

[NRES 419 - Env and Plant Ecosystems](#)

[NRES 439 - Env and Sustainable Dev](#)

[NRES 488 - Soil Fertility and Fertilizers](#)

[ANSC 100 - Intro to Animal Sciences](#)

[NRES 102 - Introduction to NRES](#)

[FSHN 101 - The Science of Food](#)

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

[LOA CHEM Crop Sciences.pdf](#)

[LOA MCB Crop Sciences.pdf](#)

[LOA IB Crop Sciences.pdf](#)

[Removal and adding of Courses_CPSC.pdf](#)

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.

List the program's student learning outcomes. Each outcome should identify what students are expected to know and/or be able to do upon completing this program.

[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

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

Program of Study

"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

Revised programs [CPSC-Agroecology Concentration](#)
[Revision Side-by-Side \(02-24-22\).xlsx](#)

Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chose-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text - Overview Tab

Description of program for the catalog page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for
Programs of
Study Catalog

Agroecology Concentration Requirements

Course List

| Code | Title | Hours |
|---------------------------------|---|----------------|
| Natural Sciences and Technology | | |
| 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 | |
| CHEM 232 | Elementary Organic Chemistry I | 3-4 |

| Code | Title | Hours |
|--|---|--------------|
| CPSC 382 | Organic Chem of Biol Processes | |
| <u>Crop Sciences Core</u> | | <u>14</u> |
| <u>CPSC 102</u> | <u>Foundational Skills in Crop Sciences</u> | <u>2</u> |
| <u>CPSC 112</u> | <u>Introduction to Crop Sciences</u> | <u>4</u> |
| <u>CPSC 226</u> | <u>Course CPSC 226 Not Found</u> | <u>3</u> |
| CPSC 270 | Applied Entomology | 3 |
| CPSC 336 | Tomorrow's Environment | 3 |
| <u>CPSC 212</u> | <u>Introduction to Plant Protection</u> | <u>4</u> |
| <u>Choose 3 hours from the following:</u> | | <u>3</u> |
| <u>CPSC 393</u> | <u>Crop Sciences Internship</u> | |
| <u>CPSC 395</u> | <u>Undergrad Research or Thesis</u> | |
| <u>HORT 393</u> | <u>Horticulture Internship</u> | |
| <u>HORT 395</u> | <u>Undergrad Research or Thesis</u> | |
| <u>CPSC 498</u> | <u>Crop Sci Professional Developmt</u> | <u>1</u> |
| <u>Concentration Required</u> | | <u>18</u> |
| <u>CPSC 382</u> | <u>Organic Chem of Biol Processes</u> | <u>4</u> |
| <u>CPSC 431</u> | <u>Plants and Global Change</u> | <u>3</u> |
| <u>CPSC 437</u> | <u>Principles of Agroecology</u> | <u>3</u> |
| <u>IB 103</u> | <u>Introduction to Plant Biology</u> | <u>4</u> |
| IB 150 | Organismal & Evolutionary Biol | 4 |
| IB 203 | Ecology | 4 |
| MCB 150 | Molec & Cellular Basis of Life | 4 |
| <u>Select one of the following:</u> | | <u>4-5</u> |
| MCB 100 | Introductory Microbiology | |
| & MCB 101 | and Intro Microbiology Laboratory | |
| IB 104 | Animal Biology | |
| <u>Agroecology Concentration Required</u> | | |
| <u>NRES 201</u> | <u>Introductory Soils</u> | <u>4</u> |
| NRES 474 | Soil and Water Conservation | 3 |
| or NRES 488 | Soil Fertility and Fertilizers | |
| <u>PLPA 204</u> | <u>Course PLPA 204 Not Found</u> | <u>3</u> |
| <u>Select one course from three of the following groups:</u> | | <u>9-12</u> |
| ACE 210 | Environmental Economics | |
| or ACE 310 | Natural Resource Economics | |
| CPSC 412 | Principles of Crop Production | |
| or CPSC 414 | Forage Crops & Pasture Ecology | |
| or CPSC 415 | Bioenergy Crops | |
| or CPSC 418 | Crop Growth and Management | |
| CPSC 426 | Weed Mgt in Agronomic Crops | |
| CPSC 473 | Mgmt of Field Crop Insects | |
| NRES 401 | Watershed Hydrology | |
| or NRES 419 | Env and Plant Ecosystems | |
| or NRES 439 | Env and Sustainable Dev | |
| or NRES 488 | Soil Fertility and Fertilizers | |
| PLPA 403 | Advanced Plant Pathology | |
| or PLPA 405 | Plant Disease Diagnosis & Mgmt | |
| or PLPA 407 | Course PLPA 407 Not Found | |

| Code | Title | Hours |
|---|--|----------------|
| Select one of the following: | | 3-4 |
| ANSC 100 | Intro to Animal Sciences | |
| FSHN 101 | The Science of Food and How it Relates to You | |
| HORT 100 | Introduction to Horticulture | |
| NRES 102 | Introduction to NRES | |
| TSM 100 | Course TSM 100 Not Found | |

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 35 must be completed in residence.

Program Relationships

Corresponding

Program(s):

| |
|--------------------------|
| Corresponding Program(s) |
| Crop Sciences, BS |

Program Features

Academic Level Undergraduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

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

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 since this is an existing concentration.

Budget

Are there No
budgetary
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

Attach File(s)

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 since this is an existing concentration.

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 collections, resources and services are sufficient to support this concentration revision.

HLC Section

Credit Hours

Of the total hours required, what is the:

#/% of credit hours of existing or repackaged curricula

#/% of hours of revised or redesigned curricula

#/% New curricula

Institutional level

Degree or nearest institutional level

Program Instructional Level

Does the unit currently offer programs at the same instructional level as the proposed program?

Institutional 4 digit CIP Code

Does the institution currently offer a program with the same 4-digit CIP as the proposed program?

Institutional 2 digit CIP Code

Does the institution currently offer a program with the same 2-digit CIP code as the proposed program?

Replace CIP Code

Will the proposed program replace a program currently offered with the same CIP code?

New Faculty Required

Will new faculty expertise or new faculty members be needed to launch this program?

Additional Funds

Will the proposed program require a large outlay of additional funds by the institution?

Institutional Funding

Please explain institutional funding for proposed program:

EP Documentation

EP Control Number EP.23.006

Attach Rollback/Approval Notices

This proposal requires HLC inquiry No

DMI Documentation

Attach Final Approval Notices

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

Effective Date:

Attached Document Justification for this request

Program Reviewer
Comments

Kathy Martensen (kmartens) (02/16/22 4:27 pm): Rollback: Rollback to update side-by-side.

Kathy Martensen (kmartens) (03/23/22 2:51 pm): Rollback: Since courses from outside the college (CHEM, MCB, and IB) are being removed as requirements, please obtain and attach notices acknowledging these changes from the impacted units.

Anna Ball (aball) (03/23/22 3:12 pm): Rollback: see provost rollback

Brooke Newell (bsnewell) (08/18/22 12:56 pm): Rollback: Adding Letters of Support/Acknowledgment

Barbara Lehman (bjlehman) (09/13/22 8:19 am): EP.23.006

Key: 639

Key
GREEN = Added
RED = Removed

Crop Sciences: Agroecology, BS (Current)

| | | | |
|--|--|-----|-------|
| Composition I and Speech | | | |
| RHET 105 or equivalent - see College Composition I requirement (3 or 4) | Writing and Research | 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 | Agr Cons and Resource Econ ¹ or Microeconomic Principles | 3-4 | |
| Select from campus approved list. | | | 3-4 |
| ACES required | | | |
| ACES 101 | Contemporary Issues in ACES | 2 | |
| Required Concentration | | | |
| Concentration prescribed courses. See specific concentration requirements. | | | 58-79 |
| Total Hours | | | 126 |
| ¹ ACE 100 or ECON 102 are not required for the Biological Sciences Concentration. | | | |
| Agroecology Concentration Requirements | | | |
| Natural Sciences and Technology | | | |
| 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 | |
| IB 103 | Introduction to Plant Biology | 4 | |
| IB 150 | Organismal & Evolutionary Biol | 4 | |
| IB 203 | Ecology | 4 | |
| MCB 150 | Molec & Cellular Basis of Life | 4 | |
| Select one of the following: | | | 4-5 |
| MCB 100 & MCB 101 or IB 104 | Elementary Organic Chemistry I Organic Chem of Biol Processes Animal Biology | | |
| Agroecology Concentration Required | | | |
| CPSC 112 | Introduction to Crop Sciences | 4 | |
| CPSC 226 | Deactivated Course | | |
| CPSC 270 | Applied Entomology | 3 | |
| CPSC 112 | Introduction to Crop Sciences | 4 | |
| CPSC 270 | Applied Entomology | 3 | |
| CPSC 336 | Tomorrows Environment | 3 | |
| CPSC 431 | Plants and Global Change | 3 | |
| CPSC 437 | Principles of Agroecology | 3 | |
| CPSC 498 | Crop Sciences Professional Development | 1 | |
| NRES 201 | Introductory Soils | 4 | |
| NRES 474 or NRES 488 | Soil and Water Conservation or Soil Fertiliz | 3 | |
| PLPA 204 | | 3 | |
| Select one course from three of the following groups | | | 9-12 |
| ACE 210 or ACE 310 | Environmental Econ or Natl Res Econ | | |
| CPSC 412 or | Principles of Crop Production | | |
| CPSC 414 or | Forage Crops & Pasture Ecology | | |
| CPSC 415 or | Bioenergy Crops | | |
| CPSC 418 | Crop Growth and Management | | |
| CPSC 426 | Weed Mgt in Agronomic Crops | | |
| CPSC 473 | Mgmt of Field Crop Insects | | |
| NRES 401 or | Watershed Hydrology | | |
| NRES 419 or | Env and Plant Ecosystems | | |
| NRES 439 or | ENV and Sustainable Dev | | |
| NRES 488 | Soil Fertility and Fertilizers | | |
| PLPA 403 or | Advanced Plant Pathology | | |
| PLPA 405 or | Plant Disease Diagnosis & Mgmt | | |
| PLPA 407 | | | |
| Select one fo the following: | | | 3-4 |
| ANSC 100 | Introduction to Animal Sciences | | |
| FSHN 101 | The Science of Food and how it relates to you | | |
| HORT 100 | Introduction to Horticulture | | |
| NRES 102 | Introduction to NRES | | |
| TSM 100 | Technical Systems in Agr | | |
| Crop Sciences Core Requirements | | | 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 or HORT 393 or CPSC 395 or HORT 395 or PLPA 395 | Crop Sciences Internship or Horticulture Internship Undergrad Research or Thesis Undergrad Research or Thesis Undergrad Research or Thesis | 3 | |
| CPSC 498 | Crop Sci Professional Develpmt | 1 | |
| Concentration Requirements | | | 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 102 | Introductory Soils | 4 | |
| Concentration Electives | | | 12 |

Crop Sciences: Agroecology, BS (Proposed Revision)

| | | | |
|--|--|-----|-------|
| Composition I and Speech | | | 6-7 |
| RHET 105 | Writing and Research | | |
| CMN 101 | Public Speaking | | |
| OR | | | |
| CMN 111 & CMN 112 | Oral & Written Comm I and Oral & Written Comm II | | |
| Advanced Composition | | | 3-4 |
| Cultural Studies | | | 9 |
| Western/Comparative Cultures Non-Western Cultures US Minority Cultures | | | |
| Foreign Language Third Level or Above | | | |
| Quantitative Reasoning I | | | 4-5 |
| MATH 220 or MATH 221 or MATH 234 | Calculus Calculus I Calculus for Business I | | |
| Quantitative Reasoning II | | | |
| CPSC 241 | Intro to Applied Statistics | 3 | |
| Natural Sciences and Technology | | | 8 |
| CHEM 102 & CHEM 103, CHEM 104 & CHEM 105 | General Chemistry I and General Chemistry Lab I | | |
| Humanities and the Arts | | | 6 |
| Social and Behavioral Sciences | | | 7-8 |
| ACE 100 | Agr Cons and Resource Econ | 3 | |
| Total Hours for Gen Ed Requirements | | | 46-50 |
| ACES Requirements | | | |
| ACES 101 or ACES 200 | Contemporary Issues in ACES or ACES Transfer Orientation | 0-2 | |
| Crop Sciences Core Requirements | | | 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 or HORT 393 or CPSC 395 or HORT 395 or PLPA 395 | Crop Sciences Internship or Horticulture Internship Undergrad Research or Thesis Undergrad Research or Thesis Undergrad Research or Thesis | 3 | |
| CPSC 498 | Crop Sci Professional Develpmt | 1 | |
| Concentration Requirements | | | 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 102 | Introductory Soils | 4 | |
| Concentration Electives | | | 12 |

From: Dilger, Anna Carol <adilger2@illinois.edu>
Sent: Tuesday, August 16, 2022 9:45 AM
To: Gregg, Brianna J <bjgray2@illinois.edu>
Subject: RE: acknowledgements needed

Fine with me!

Anna Dilger, PhD Animal Sciences
Office: 217-333-3986
Cell: 217-979-1044

From: Gregg, Brianna J <bjgray2@illinois.edu>
Sent: Monday, August 15, 2022 12:10 PM
To: Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>; Rausch, Kent D <krausch@illinois.edu>
Cc: Korte, Debra <dkorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>
Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762.

These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Miller, James Robert <jrmillr@illinois.edu>
Sent: Tuesday, August 16, 2022 10:24 AM
To: Gregg, Brianna J <bjgray2@illinois.edu>
Subject: RE: acknowledgements needed

Acknowledged – Jim

Natural Resources and Environmental Sciences

From: Gregg, Brianna J <bjgray2@illinois.edu>
Sent: Monday, August 15, 2022 12:10 PM
To: Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>; Rausch, Kent D <krausch@illinois.edu>
Cc: Korte, Debra <dskorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>
Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762.

These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Rausch, Kent D <krausch@illinois.edu>

Sent: Monday, August 15, 2022 12:27 PM

To: Gregg, Brianna J <bjgray2@illinois.edu>; Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>

Cc: Korte, Debra <dskorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>

Subject: Re: acknowledgements needed

Brianna,

I acknowledge and approve CPSC removal of this option since we've already approved this at an ACES CnC meeting (there were no voting buttons on my email). Thanks.

Kent - ABE

From: Gregg, Brianna J <bjgray2@illinois.edu>

Date: Monday, August 15, 2022 at 12:10 PM

To: Miller, James Robert <jrmillr@illinois.edu>, Endres, Bryan <bendres@illinois.edu>, Dilger, Anna Carol <adilger2@illinois.edu>, Pan, Yuan-Xiang <yxpan@illinois.edu>, Rausch, Kent D <krausch@illinois.edu>

Cc: Korte, Debra <dskorte@illinois.edu>, Lambert, Kris Nicholas <knlamber@illinois.edu>

Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762.

These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Endres, Bryan <bendres@illinois.edu>

Sent: Monday, August 15, 2022 12:14 PM

To: Gregg, Brianna J <bjgray2@illinois.edu>

Subject: Yes, I acknowledge that the course is being removed from the curriculum: acknowledgements needed

Yes, I acknowledge that the course is being removed from the curriculum: acknowledgements needed

Bryan Endres – ACE

From: Gregg, Brianna J <bjgray2@illinois.edu>

Date: Monday, August 15, 2022 at 12:10 PM

To: Miller, James Robert <jrmillr@illinois.edu>, Endres, Bryan <bendres@illinois.edu>, Dilger, Anna Carol <adilger2@illinois.edu>, Pan, Yuan-Xiang <yxpan@illinois.edu>, Rausch, Kent D <krausch@illinois.edu>

Cc: Korte, Debra <dskorte@illinois.edu>, Lambert, Kris Nicholas <knlamber@illinois.edu>

Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762.

These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Pan, Yuan-Xiang <yxpan@illinois.edu>
Sent: Thursday, August 18, 2022 2:28 PM
To: Gregg, Brianna J <bjgray2@illinois.edu>
Subject: RE: acknowledgements needed

Hi Brianna,
Yes, I acknowledge the change!
Pan

~~~~~  
Yuan-Xiang Pan, MS, PhD, Associate Professor  
476B Bevier Hall, MailCode-182  
905 South Goodwin Avenue  
Urbana, IL 61801-3816  
Tel 217-333-3466 Fax 217-265-0925  
<http://fshn.illinois.edu/directory/yxpan>  
<https://nutrsci.illinois.edu/directory/yxpan>  
<https://informatics.ischool.illinois.edu/faculty-affiliates/>  
~~~~~



You are not just what you eat, but what your mother and your grandmother ate as well...

From: Gregg, Brianna J
Sent: Monday, August 15, 2022 12:10 PM
To: Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>; Rausch, Kent D <krausch@illinois.edu>
Cc: Korte, Debra <dkorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>
Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762. These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

Re: Curricula Revisions

Allan, Brian F <ballan@illinois.edu>

Mon 6/13/2022 3:09 PM

To: Downie, Stephen R <sdownie@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>

Dear Kris,

Thanks for your message. I am responding to acknowledge the changes you described below.

Best,
Brian

On 6/13/2022 3:06 PM, Stephen Downie wrote:

Dear Kris,

Thanks for your email. I am forwarding your request to Brian Allan, Acting Associate Director of Academic Affairs in SIB. Brian is filling in for me this year as I am in the Dean's Office.

Cheers,
Stephen

On 6/13/22 2:38 PM, Lambert, Kris Nicholas wrote:

Dear Dr. Downie,

I am writing to inform you about course revisions to three concentrations in the Department of Crop Sciences that will affect enrollment in some of your classes. For our Horticulture and Food Systems concentration we are removing IB 420 and IB 103. In our Agroecology concentration we are removing IB 150, IB 203 and IB 104. Finally, in our Agribusiness concentration we are removing IB 104.

Given the size of your classes and the limited number of students in these Crop Sciences concentrations, these revisions will have minimum impact on the enrollment for your classes. We would appreciate your acknowledgment of these revisions as soon as possible.

Best wishes,

Kris Lambert

Director of Undergraduate Programs
Associate Professor

Department of Crop Sciences
University of Illinois at Urbana-Champaign
Phone: 217-265-5165
Email: knlamber@illinois.edu

--

STEPHEN R. DOWNIE

Interim Associate Dean for Curricula and Academic Policy

College of Liberal Arts and Sciences
University of Illinois Urbana-Champaign
2070 Lincoln Hall
702 S Wright St | M/C 448
Urbana, IL 61801
217.333.1350 | sdownie@illinois.edu
sib.illinois.edu/profile/sdownie



Under the Illinois Freedom of Information Act any written communication to or from university employees regarding university business is a public record and may be subject to public disclosure.

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Brian F. Allan
Professor, Department of Entomology
Acting Associate Director for Academic Affairs, School of Integrative
Biology
University of Illinois Urbana-Champaign
<https://publish.illinois.edu/ballan/>

Re: Curricula Revisions

Wilson, Brenda Anne <wilson7@illinois.edu>

Mon 6/13/2022 4:06 PM

To: Lambert, Kris Nicholas <knlamber@illinois.edu>

Cc: Michael, Melissa <mmichae@illinois.edu>

Thanks for letting me know, Kris. -Brenda

Get [Outlook for iOS](#)

From: Lambert, Kris Nicholas <knlamber@illinois.edu>

Sent: Tuesday, June 14, 2022 4:23:00 AM

To: Wilson, Brenda Anne <wilson7@illinois.edu>

Subject: Curricula Revisions

Dear Dr. Wilson,

I am writing to inform you about course revisions to two concentrations in the Department of Crop Sciences that will affect enrollment in some of your classes. For our Agribusiness concentration we are removing MCB 100 and 101 as an option for our students. For our Agroecology concentration we are removing MCB 100, 101 and 150.

Given the size of your classes and the limited number of students in these Crop Sciences concentrations, these revisions will have minimum impact on the enrollment for your classes. We would appreciate your acknowledgment of these revisions as soon as possible.

Best wishes,

Kris Lambert

Director of Undergraduate Programs
Associate Professor
Department of Crop Sciences
University of Illinois at Urbana-Champaign
Phone: 217-265-5165
Email: knlamber@illinois.edu

Re: Curricula Revisions

Axelson, Jordan Cole <axelson2@illinois.edu>

Tue 6/14/2022 10:14 PM

To: Lambert, Kris Nicholas <knlamber@illinois.edu>

Hi Kris,

Thank you for this notification.

To the best of our knowledge, this change should be fine. However, would it be possible to send us some sort of summary of the content covered in CPSC 382?

Some of our curriculum committee would like to review it further to better provide advice to any of your students who may be interested in pursuing a chemistry minor. We want to ensure that students who may need to take other upper division chemistry courses will have the tools they need to be successful in those courses as well.

Best,
Jordan

Jordan C. Axelson, PhD
(she, her, hers)
Director of Undergraduate Studies, Senior Lecturer
Department of Chemistry
University of Illinois at Urbana-Champaign
axelson2@illinois.edu

From: Lambert, Kris Nicholas <knlamber@illinois.edu>

Sent: Monday, June 13, 2022 1:59 PM

To: Axelson, Jordan Cole <axelson2@illinois.edu>

Subject: Curricula Revisions

Dear Dr. Axelson,

I am writing to inform you about course revisions to three concentrations in the Department of Crop Sciences that will affect enrollment in some of your classes. For our Horticulture and Food Systems, as well as our Agroecology concentrations, we are removing CHEM 232 as an option for our students. Instead, our majors will be required to take CPSC 382 (Organic Chemistry of Biological Processes). We feel that for consistency these two concentrations the Crop Science major should match.

In addition, CHEM 104 and 105 have been removed as requirements for the Crop Sciences Agribusiness concentration. We feel CHEM 102 and 103 are sufficient for this concentration.

Given the size of your classes, and the limited number of students in these Crop Sciences concentrations, these revisions will have minimum impact on the enrollment for your classes.

We would appreciate your acknowledgment of these revisions as soon as possible.

Best wishes,

Kris Lambert

Director of Undergraduate Programs
Associate Professor
Department of Crop Sciences
University of Illinois at Urbana-Champaign
Phone: 217-265-5165
Email: knlamber@illinois.edu

Date Submitted: 12/18/21 9:34 pm

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

Last approved: 06/10/19 4:16 pm

Last edit: 09/07/22 2:26 pm

Changes proposed by: Lane Rayburn

[Crop Sciences: Crop Agribusiness, BS](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

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

Approval Path

1. 01/05/22 2:25 pm
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 01/05/22 2:56 pm
Kris Lambert
(knlamber):
Approved for 1802
Committee Chair
3. 01/06/22 11:42
am
Adam Davis
(asdavis1):
Approved for 1802
Head
4. 02/11/22 3:09 pm
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
5. 02/14/22 10:46

- am
Anna Ball (aball):
Approved for KL
Dean
6. 02/14/22 10:47
am
John Wilkin
(jpwilkin):
Approved for
University
Librarian
7. 02/16/22 4:27 pm
Kathy Martensen
(kmartens):
Rollback to KL
Committee Chair
for Provost
8. 03/11/22 3:48 pm
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
9. 03/12/22 4:48 am
Anna Ball (aball):
Approved for KL
Dean
10. 03/12/22 6:52 am
John Wilkin
(jpwilkin):
Approved for
University
Librarian
11. 03/23/22 2:51 pm
Kathy Martensen
(kmartens):
Rollback to KL
Dean for Provost
12. 03/23/22 3:13 pm
Anna Ball (aball):
Rollback to KL
Committee Chair
for KL Dean
13. 07/01/22 11:27
am
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair

14. 07/05/22 10:33 am
Anna Ball (aball):
Approved for KL
Dean
15. 07/05/22 10:56 am
John Wilkin
(jpwilkin):
Approved for
University
Librarian
16. 08/18/22 12:56 pm
Brooke Newell
(bsnewell):
Rollback to KL
Committee Chair
for Provost
17. 08/18/22 2:31 pm
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
18. 08/18/22 4:09 pm
Anna Ball (aball):
Approved for KL
Dean
19. 08/18/22 4:22 pm
John Wilkin
(jpwilkin):
Approved for
University
Librarian
20. 08/22/22 8:10 am
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Jun 10, 2019 by
Deb Forgacs
(dforgacs)

Concentration (ex. Dietetics)

This proposal is

for a:

[Revision](#)

Administration Details

Official Program Name Crop Sciences: Crop Agribusiness, BS

Diploma Title

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

List the role for rollbacks (which role will edit the proposal on questions from EPC, e.g., Dept Head or Initiator) and/or any additional stakeholders. Purpose: List here who will do the editing work if proposal needs rolled back. And any other stakeholders.

Does this program have inter-departmental administration?
No

Proposal Title

Effective Catalog Term Fall 2022

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 Liberals Art 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

In this proposal, the core Crop Sciences courses have been identified in a separate section. Core concentration courses were also identified. Courses that have been discontinued have been removed from the concentration requirements. In concentration electives, all CPSC and ACE courses are now options for this concentration.

Does this proposal have any related proposals that will also be revised during the next 6 weeks? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently. Example: If you are revising the BS proposal and one related concentration within the next 6 weeks, "This BS proposal (key 567) is related to the Concentration A proposal (key 145)."

These 3 program revisions are related:

Crop Sciences: Agroecology, BS key 639

Crop Sciences: Crop Agribusiness, BS key 762

Crop Sciences: Horticultural Food Systems, BS key 536

Program Justification

Why are these changes necessary?

The Crop Science curriculum has been revised with courses removed, added or modified. During this revision a set of Crop Sciences core courses were established for all majors. These core courses need to be added to the concentration. These revisions also required a change in the concentration core. Due to deactivation and addition of courses in both CPSC and ACE, having specific electives was cumbersome and required multiple petitions. By opening up the electives, this issue was resolved. In addition, students can now tailor their CPSC and ACE courses to their specific issues and therefore be more relevant to their needs.

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?

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/revision of this program?

Yes

Courses outside
of the sponsoring
department/interdisciplinary
departments

[CHEM 104 - General Chemistry II](#)

[CHEM 105 - General Chemistry Lab II](#)

[MCB 100 - Introductory Microbiology](#)

[MCB 101 - Intro Microbiology Laboratory](#)

[IB 104 - Animal Biology](#)

[ACE 448 - Rural Real Estate Appraisal](#)

[ACE 345 - Finan Decision Indiv Sm Bus](#)

[ACE 232 - Farm Management](#)

[ANSC 100 - Intro to Animal Sciences](#)

[FSHN 101 - The Science of Food](#)

[NRES 102 - Introduction to NRES](#)

Please attach any [LOA CHEM Crop Sciences.pdf](#)
letters of [LOA MCB Crop Sciences.pdf](#)
support/acknowledgement [LOA IB Crop Sciences.pdf](#)
for any [Removal and adding of Courses_CPSC.pdf](#)
Instructional
Resources
consider faculty,
students, and/or
other impacted
units as
appropriate.

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.

List the program's student learning outcomes. Each outcome should identify what students are expected to know and/or be able to do upon completing this program.

[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

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

Program of Study

"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

Revised programs [CPSC-Crop Agribusiness Concentration](#)
[Revision Side-by-Side seb \(3-9-22.xlsx\)](#)

Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chose-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text - Overview Tab

Description of program for the catalog page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

| Code | Title | Hours |
|--------------------------------------|--|----------------|
| Natural Sciences and Technology | | |
| 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 | |
| IB 103 | Introduction to Plant Biology | 4 |
| Select one of the following: | | 4-5 |
| MCB 100 | Introductory Microbiology | |
| & MCB 101 | and Intro Microbiology Laboratory | |
| IB 104 | Animal Biology | |
| Crop Sciences Core | | |
| CPSC 102 | Foundational Skills in Crop Sciences | <u>2</u> |
| CPSC 112 | Introduction to Crop Sciences | 4 |
| CPSC 226 | Course CPSC 226 Not Found | 3 |
| CPSC 270 | Applied Entomology | 3 |
| CPSC 212 | Introduction to Plant Protection | <u>4</u> |
| Choose 3 hours from the following: | | 3 |
| ACE 448 | Rural Real Estate Appraisal | |
| 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 | | <u>3</u> |
| ACCY 200 | Fundamentals of Accounting | 3 |
| or ACCY 201 | Accounting and Accountancy I | |

| Code | Title | Hours |
|---|--|--------------|
| ACE 345 | Finan-Decision-Indiv-Sm-Bus | 3 |
| <u>ACE 222</u> | Agricultural Marketing | 3 |
| <u>ACE 231</u> | Food and Agribusiness Mgt | 3 |
| <u>ACE 232</u> | <u>Farm Management</u> | <u>3</u> |
| <u>NRES 201</u> | Introductory Soils | 4 |
| PLPA 204 | Course PLPA 204 Not Found | 3 |
| Select one of the following: | | 3-4 |
| ANSC 100 | Intro-to-Animal-Sciences | |
| FSHN 101 | The-Science-of-Food-and-How-it-Relates-to-You | |
| HORT 100 | Introduction-to-Horticulture | |
| NRES 102 | Introduction-to-NRES | |
| TSM 100 | Course TSM 100 Not Found | |
| <u>NRES 474</u> | Soil and Water Conservation | 3 |
| or <u>NRES 488</u> | Soil Fertility and Fertilizers | |
| NRES 488 | Soil Fertility and Fertilizers | |
| Select one course from each of the following groups: | | 6-7 |
| <u>Concentration Electives</u> | | |
| Choose from any 300- or 400- level CPSC, HORT, or PLPA courses, excluding: | | 12 |
| <u>CPSC 393, HORT 393, CPSC 395, HORT 395 & PLPA 395.</u> | | |
| CPSC 352 | Plant Genetics | |
| CPSC 412 | Principles of Crop Production | |
| CPSC 414 | Forage Crops & Pasture Ecology | |
| CPSC 415 | Bioenergy Crops | |
| CPSC 418 | Crop Growth and Management | |
| CPSC 426 | Weed Mgt in Agronomic Crops | |
| CPSC 431 | Plants and Global Change | |
| CPSC 437 | Principles of Agroecology | |
| CPSC 453 | Principles of Plant Breeding | |
| CPSC 473 | Mgmt of Field Crop Insects | |
| HORT 341 | Greenhouse Mgmt and Production | |
| HORT 360 | Vegetable Crop Production | |
| HORT 361 | Small Fruit Production | |
| HORT 362 | Tree Fruit Production | |
| HORT 466 | Course HORT 466 Not Found | |
| PLPA 405 | Plant Disease Diagnosis & Mgmt | |
| PLPA 407 | Course PLPA 407 Not Found | |
| <u>Choose from any 300- or 400- level ACE course</u> | | <u>6</u> |
| Total ACES prescribed and elective courses must total 35 hours, of which 20 must be completed in residence. | | 35 |

Program Relationships

Corresponding

Program(s):

| |
|--------------------------|
| Corresponding Program(s) |
|--------------------------|

| |
|-------------------|
| Crop Sciences, BS |
|-------------------|

Program Features

Academic Level Undergraduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

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

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 since this is an existing concentration.

Budget

Are there No
budgetary
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

Attach File(s)

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 since this is an existing concentration.

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 collections, resources and services are sufficient to support this concentration revision.

HLC Section

Credit Hours

Of the total hours required, what is the:

#/% of credit hours of existing or repackaged curricula

#/% of hours of revised or redesigned curricula

#/% New curricula

Institutional level

Degree or nearest institutional level

Program Instructional Level

Does the unit currently offer programs at the same instructional level as the proposed program?

Institutional 4 digit CIP Code

Does the institution currently offer a program with the same 4-digit CIP as the proposed program?

Institutional 2 digit CIP Code

Does the institution currently offer a program with the same 2-digit CIP code as the proposed program?

Replace CIP Code

Will the proposed program replace a program currently offered with the same CIP code?

New Faculty Required

Will new faculty expertise or new faculty members be needed to launch this program?

Additional Funds

Will the proposed program require a large outlay of additional funds by the institution?

Institutional Funding

Please explain institutional funding for proposed program:

EP Documentation

EP Control Number EP.23.006

Attach
Rollback/Approval
Notices

This proposal No
requires HLC
inquiry

DMI Documentation

Attach Final
Approval Notices

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

Effective Date:

Attached Document Justification for this request

Program Reviewer Comments **Kathy Martensen (kmartens) (02/16/22 4:27 pm):** Rollback: Rollback to update side-by-side.
Kathy Martensen (kmartens) (03/23/22 2:51 pm): Rollback: Since courses from outside the college (CHEM, MCB, and IB) are being removed as requirements, please obtain and attach notices acknowledging these changes from the impacted units.
Anna Ball (aball) (03/23/22 3:13 pm): Rollback: see provost rollback
Brooke Newell (bsnewell) (08/18/22 12:56 pm): Rollback: Adding Letters of Support/Acknowledgment
Barbara Lehman (bjlehman) (09/13/22 8:24 am): EP.23.006

Key
 GREEN = Added
 RED = Removed

Crop Sciences: Crop Agribusiness, BS (Current)

| | | | |
|--|--|-----|-------|
| Composition I and Speech | | | |
| RHET 105 or equivalent - see College Composition I requirement (3 or 4) | Writing and Research | 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 | Agr Cons and Resource Econ ¹ or Microeconomic Principles | 3-4 | |
| Select from campus approved list. | | | 3-4 |
| ACES required | | | |
| ACES 101 | Contemporary Issues in ACES | 2 | |
| Required Concentration | | | |
| Concentration prescribed courses. See specific concentration requirements. | | | 58-79 |
| Total Hours | | | 126 |
| ¹ ACE 100 or ECON 102 are not required for the Biological Sciences Concentration. | | | |

Natural Sciences and Technology

| | | | |
|---|---|---|-----|
| 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 | |
| IB 103 | Introduction to Plant Biology | 4 | |
| Select one of the following: | | | 4-5 |
| MCB 100 & MCB 101 | Introductory Microbiology and Intro Microbiology Laboratory | | |
| IB 104 | Animal Biology | | |
| Crop Agribusiness Concentration Required | | | |
| ACCY 200 or ACCY 201 | Fundamentals of Accounting Accounting and Accountancy I | 3 | |
| ACE 345 | Finan Decision Indiv Sm Bus | 3 | |
| CPSC 112 | Introduction to Crop Sciences | 4 | |
| CPSC 226 | Deactivated Course | | |
| CPSC 270 | Applied Entomology | 3 | |
| CPSC 498 | Crop Sci Professional Developmt | 1 | |
| NRES 201 | Introductory Soils | 4 | |
| PLPA 204 | Deactivated Course | | |
| Select one of the following: | | | 3-4 |
| ANSC 100 | Intro to Animal Sciences | | |
| FSHN 101 | The Science of Food and How it Relates to You | | |
| HORT 100 | Introduction to Horticulture | | |
| NRES 102 | Introduction to NRES | | |
| TSM 100 | Technical Systems in Agr | | |
| Select 12 hours from the following: | | | 12 |
| CPSC 352 | Plant Genetics | | |
| CPSC 412 | Principles of Crop Production | | |
| CPSC 414 | Forage Crops & Pasture Ecology | | |
| CPSC 415 | Bioenergy Crops | | |
| CPSC 418 | Crop Growth and Management | | |
| CPSC 426 | Weed Mgt in Agronomic Crops | | |
| CPSC 431 | Plants and Global Change | | |
| CPSC 437 | Principles of Agroecology | | |
| CPSC 453 | Principles of Plant Breeding | | |
| CPSC 473 | Mgmt of Field Crop Insects | | |
| HORT 341 | Greenhouse Mgmt and Production | | |
| HORT 360 | Vegetable Crop Production | | |
| HORT 361 | Small Fruit Production | | |
| HORT 362 | Tree Fruit Production | | |
| HORT 466 | Deactivated Course | | |
| PLPA 405 | Plant Disease Diagnosis & Mgmt | | |
| PLPA 407 | Diseases of Field Crops (CPSC 407) | | |
| Select one fo the following: | | | 3 |
| ACE 448 | Rural Real Estate Appraisal | | |
| NRES 474 | Soil and Water Conservation | | |
| NRES 488 | Soil Fertility and Fertilizers | | |
| Select one course from the following groups: | | | 6-7 |
| ACE 222 or ACE 428 | Agricultural Marketing Commodity Futures and Options | | |
| ACE 231 or ACE 232 | Food and Agribusiness Mgt Farm Management | | |

Crop Sciences: Crop Agribusiness, BS (Proposed Revision)

| | | | |
|---|--|-----|-------|
| Composition I and Speech | | | 6-7 |
| RHET 105 | Writing and Research | | |
| CMN 101 | Public Speaking | | |
| OR | | | |
| CMN 111 & CMN 112 | Oral & Written Comm I and Oral & Written Comm II | | |
| Advanced Composition | | | 3-4 |
| Cultural Studies | | | 9 |
| Western/Comparative Cultures Non-Western Cultures US Minority Cultures | | | |
| Foreign Language Third Level or Above | | | |
| Quantitative Reasoning I | | | 4-5 |
| MATH 220 or MATH 221 or MATH 234 | Calculus Calculus I Calculus for Business I | | |
| Quantitative Reasoning II | | | |
| CPSC 241 | Intro to Applied Statistics | 3 | |
| Natural Sciences and Technology | | | 8 |
| CHEM 102 & CHEM 103 & IB 103 | General Chemistry I and General Chemistry Lab I Introduction to Plant Biology | | |
| Humanities and the Arts | | | 6 |
| Social and Behavioral Sciences | | | 7-8 |
| ACE 100 | Agr Cons and Resource Econ | | |
| Total Hours for Gen Ed Requirements | | | 46-50 |
| ACES Requirements | | | |
| ACES 101 or ACES 200 | Contemporary Issues in ACES or ACES Transfer Orientation | | 0-2 |
| Non-Departmental Core Requirements | | | 10 |
| ACCY 200 or ACCY 201 | Fundamentals of Accounting Accounting and Accountancy I | 3 | |
| NRES 201 | Introductory Soils | 4 | |
| Crop Sciences Core Requirements | | | 13-14 |
| CPSC 102 | Foundational Skills in Crop Sciences | 2 | |
| CPSC 112 | Introduction to Crop Sciences | 4 | |
| CPSC 212 | Introduction to Plant Protection | 4 | |
| CPSC 393 or HORT 393 | Crop Sciences Internship or Horticulture Internship | 2-3 | |
| or CPSC 395 or HORT 395 or PLPA 395 | Undergrad Research or Thesis Undergrad Research or Thesis Undergrad Research or Thesis | | |
| CPSC 498 | Crop Sci Professional Developmt | 1 | |
| Concentration Requirements | | | 9 |
| ACE 222 | Agricultural Marketing | 3 | |
| ACE 231 | Food and Agribusiness Mgt | 3 | |
| ACE 232 | Farm Management | 3 | |
| Concentration Electives | | | 18 |
| 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 courses. | | | 6 |

| | | | | | |
|---|--|-----|--|-------------|-----|
| Total ACES prescribed and elective courses must total 35 hours, of which 20 must be completed in residence. | | | | | |
| Total Hours | | 126 | | Total Hours | 126 |

From: Dilger, Anna Carol <adilger2@illinois.edu>
Sent: Tuesday, August 16, 2022 9:45 AM
To: Gregg, Brianna J <bjgray2@illinois.edu>
Subject: RE: acknowledgements needed

Fine with me!

Anna Dilger, PhD Animal Sciences
Office: 217-333-3986
Cell: 217-979-1044

From: Gregg, Brianna J <bjgray2@illinois.edu>
Sent: Monday, August 15, 2022 12:10 PM
To: Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>; Rausch, Kent D <krausch@illinois.edu>
Cc: Korte, Debra <dkorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>
Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762.

These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Miller, James Robert <jrmillr@illinois.edu>
Sent: Tuesday, August 16, 2022 10:24 AM
To: Gregg, Brianna J <bjgray2@illinois.edu>
Subject: RE: acknowledgements needed

Acknowledged – Jim

Natural Resources and Environmental Sciences

From: Gregg, Brianna J <bjgray2@illinois.edu>
Sent: Monday, August 15, 2022 12:10 PM
To: Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>; Rausch, Kent D <krausch@illinois.edu>
Cc: Korte, Debra <dskorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>
Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762.

These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Rausch, Kent D <krausch@illinois.edu>

Sent: Monday, August 15, 2022 12:27 PM

To: Gregg, Brianna J <bjgray2@illinois.edu>; Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>

Cc: Korte, Debra <dskorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>

Subject: Re: acknowledgements needed

Brianna,

I acknowledge and approve CPSC removal of this option since we've already approved this at an ACES CnC meeting (there were no voting buttons on my email). Thanks.

Kent - ABE

From: Gregg, Brianna J <bjgray2@illinois.edu>

Date: Monday, August 15, 2022 at 12:10 PM

To: Miller, James Robert <jrmillr@illinois.edu>, Endres, Bryan <bendres@illinois.edu>, Dilger, Anna Carol <adilger2@illinois.edu>, Pan, Yuan-Xiang <yxpan@illinois.edu>, Rausch, Kent D <krausch@illinois.edu>

Cc: Korte, Debra <dskorte@illinois.edu>, Lambert, Kris Nicholas <knlamber@illinois.edu>

Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762.

These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Endres, Bryan <bendres@illinois.edu>

Sent: Monday, August 15, 2022 12:14 PM

To: Gregg, Brianna J <bjgray2@illinois.edu>

Subject: Yes, I acknowledge that the course is being removed from the curriculum: acknowledgements needed

Yes, I acknowledge that the course is being removed from the curriculum: acknowledgements needed

Bryan Endres – ACE

From: Gregg, Brianna J <bjgray2@illinois.edu>

Date: Monday, August 15, 2022 at 12:10 PM

To: Miller, James Robert <jrmillr@illinois.edu>, Endres, Bryan <bendres@illinois.edu>, Dilger, Anna Carol <adilger2@illinois.edu>, Pan, Yuan-Xiang <yxpan@illinois.edu>, Rausch, Kent D <krausch@illinois.edu>

Cc: Korte, Debra <dskorte@illinois.edu>, Lambert, Kris Nicholas <knlamber@illinois.edu>

Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762.

These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Pan, Yuan-Xiang <yxpan@illinois.edu>
Sent: Thursday, August 18, 2022 2:28 PM
To: Gregg, Brianna J <bjgray2@illinois.edu>
Subject: RE: acknowledgements needed

Hi Brianna,
Yes, I acknowledge the change!
Pan

~~~~~  
Yuan-Xiang Pan, MS, PhD, Associate Professor  
476B Bevier Hall, MailCode-182  
905 South Goodwin Avenue  
Urbana, IL 61801-3816  
Tel 217-333-3466 Fax 217-265-0925  
<http://fshn.illinois.edu/directory/yxpan>  
<https://nutrsci.illinois.edu/directory/yxpan>  
<https://informatics.ischool.illinois.edu/faculty-affiliates/>  
~~~~~



You are not just what you eat, but what your mother and your grandmother ate as well...

From: Gregg, Brianna J
Sent: Monday, August 15, 2022 12:10 PM
To: Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>; Rausch, Kent D <krausch@illinois.edu>
Cc: Korte, Debra <dkorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>
Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762. These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

Re: Curricula Revisions

Allan, Brian F <ballan@illinois.edu>

Mon 6/13/2022 3:09 PM

To: Downie, Stephen R <sdownie@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>

Dear Kris,

Thanks for your message. I am responding to acknowledge the changes you described below.

Best,
Brian

On 6/13/2022 3:06 PM, Stephen Downie wrote:

Dear Kris,

Thanks for your email. I am forwarding your request to Brian Allan, Acting Associate Director of Academic Affairs in SIB. Brian is filling in for me this year as I am in the Dean's Office.

Cheers,
Stephen

On 6/13/22 2:38 PM, Lambert, Kris Nicholas wrote:

Dear Dr. Downie,

I am writing to inform you about course revisions to three concentrations in the Department of Crop Sciences that will affect enrollment in some of your classes. For our Horticulture and Food Systems concentration we are removing IB 420 and IB 103. In our Agroecology concentration we are removing IB 150, IB 203 and IB 104. Finally, in our Agribusiness concentration we are removing IB 104.

Given the size of your classes and the limited number of students in these Crop Sciences concentrations, these revisions will have minimum impact on the enrollment for your classes. We would appreciate your acknowledgment of these revisions as soon as possible.

Best wishes,

Kris Lambert

Director of Undergraduate Programs
Associate Professor

Department of Crop Sciences
University of Illinois at Urbana-Champaign
Phone: 217-265-5165
Email: knlamber@illinois.edu

--

STEPHEN R. DOWNIE

Interim Associate Dean for Curricula and Academic Policy

College of Liberal Arts and Sciences
University of Illinois Urbana-Champaign
2070 Lincoln Hall
702 S Wright St | M/C 448
Urbana, IL 61801
217.333.1350 | sdownie@illinois.edu
sib.illinois.edu/profile/sdownie



Under the Illinois Freedom of Information Act any written communication to or from university employees regarding university business is a public record and may be subject to public disclosure.

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Brian F. Allan
Professor, Department of Entomology
Acting Associate Director for Academic Affairs, School of Integrative
Biology
University of Illinois Urbana-Champaign
<https://publish.illinois.edu/ballan/>

Re: Curricula Revisions

Wilson, Brenda Anne <wilson7@illinois.edu>

Mon 6/13/2022 4:06 PM

To: Lambert, Kris Nicholas <knlamber@illinois.edu>

Cc: Michael, Melissa <mmichae@illinois.edu>

Thanks for letting me know, Kris. -Brenda

Get [Outlook for iOS](#)

From: Lambert, Kris Nicholas <knlamber@illinois.edu>

Sent: Tuesday, June 14, 2022 4:23:00 AM

To: Wilson, Brenda Anne <wilson7@illinois.edu>

Subject: Curricula Revisions

Dear Dr. Wilson,

I am writing to inform you about course revisions to two concentrations in the Department of Crop Sciences that will affect enrollment in some of your classes. For our Agribusiness concentration we are removing MCB 100 and 101 as an option for our students. For our Agroecology concentration we are removing MCB 100, 101 and 150.

Given the size of your classes and the limited number of students in these Crop Sciences concentrations, these revisions will have minimum impact on the enrollment for your classes. We would appreciate your acknowledgment of these revisions as soon as possible.

Best wishes,

Kris Lambert

Director of Undergraduate Programs
Associate Professor
Department of Crop Sciences
University of Illinois at Urbana-Champaign
Phone: 217-265-5165
Email: knlamber@illinois.edu

Re: Curricula Revisions

Axelson, Jordan Cole <axelson2@illinois.edu>

Tue 6/14/2022 10:14 PM

To: Lambert, Kris Nicholas <knlamber@illinois.edu>

Hi Kris,

Thank you for this notification.

To the best of our knowledge, this change should be fine. However, would it be possible to send us some sort of summary of the content covered in CPSC 382?

Some of our curriculum committee would like to review it further to better provide advice to any of your students who may be interested in pursuing a chemistry minor. We want to ensure that students who may need to take other upper division chemistry courses will have the tools they need to be successful in those courses as well.

Best,
Jordan

Jordan C. Axelson, PhD
(she, her, hers)
Director of Undergraduate Studies, Senior Lecturer
Department of Chemistry
University of Illinois at Urbana-Champaign
axelson2@illinois.edu

From: Lambert, Kris Nicholas <knlamber@illinois.edu>

Sent: Monday, June 13, 2022 1:59 PM

To: Axelson, Jordan Cole <axelson2@illinois.edu>

Subject: Curricula Revisions

Dear Dr. Axelson,

I am writing to inform you about course revisions to three concentrations in the Department of Crop Sciences that will affect enrollment in some of your classes. For our Horticulture and Food Systems, as well as our Agroecology concentrations, we are removing CHEM 232 as an option for our students. Instead, our majors will be required to take CPSC 382 (Organic Chemistry of Biological Processes). We feel that for consistency these two concentrations the Crop Science major should match.

In addition, CHEM 104 and 105 have been removed as requirements for the Crop Sciences Agribusiness concentration. We feel CHEM 102 and 103 are sufficient for this concentration.

Given the size of your classes, and the limited number of students in these Crop Sciences concentrations, these revisions will have minimum impact on the enrollment for your classes.

We would appreciate your acknowledgment of these revisions as soon as possible.

Best wishes,

Kris Lambert

Director of Undergraduate Programs
Associate Professor
Department of Crop Sciences
University of Illinois at Urbana-Champaign
Phone: 217-265-5165
Email: knlamber@illinois.edu

Date Submitted: 12/18/21 9:32 pm

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

Last approved: 04/02/20 1:49 pm

Last edit: 09/07/22 2:26 pm

Changes proposed by: Lane Rayburn

[Crop Sciences: Horticultural Food Systems, BS](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

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

Approval Path

1. 01/05/22 2:25 pm
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 01/05/22 2:56 pm
Kris Lambert
(knlamber):
Approved for 1802
Committee Chair
3. 01/06/22 11:43
am
Adam Davis
(asdavis1):
Approved for 1802
Head
4. 03/11/22 3:47 pm
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
5. 03/12/22 4:48 am

- Anna Ball (aball):
Approved for KL
Dean
6. 03/12/22 6:53 am
John Wilkin
(jpwilkin):
Approved for
University
Librarian
7. 03/23/22 2:52 pm
Kathy Martensen
(kmartens):
Rollback to KL
Dean for Provost
8. 03/23/22 3:13 pm
Anna Ball (aball):
Rollback to KL
Committee Chair
for KL Dean
9. 07/01/22 11:28
am
Brianna Gregg
(bjgray2):
Approved for KL
Committee Chair
10. 07/05/22 10:33
am
Anna Ball (aball):
Approved for KL
Dean
11. 07/05/22 10:57
am
John Wilkin
(jpwilkin):
Approved for
University
Librarian
12. 08/18/22 12:56
pm
Brooke Newell
(bsnewell):
Rollback to KL
Committee Chair
for Provost
13. 08/18/22 2:32 pm
Brianna Gregg
(bjgray2):
Approved for KL

- Committee Chair
14. 08/18/22 4:09 pm
Anna Ball (aball):
Approved for KL
Dean
 15. 08/18/22 4:22 pm
John Wilkin
(jpwilkin):
Approved for
University
Librarian
 16. 08/22/22 8:10 am
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)

Concentration (ex. Dietetics)

This proposal is
for a:
Revision

Administration Details

| | |
|-----------------------|--|
| Official Program Name | Crop Sciences: Horticultural Food Systems, BS |
| Diploma Title | |
| Sponsor College | Agr, Consumer, & Env Sciences |
| Sponsor Department | Crop Sciences |
| Sponsor Name | Kris Lambert Lane-Rayburn |

Sponsor Email knlamber@illinois.edu arayburn@illinois.edu
College Contact [Brianna Gregg](mailto:Brianna.Gregg) [Tony Yannarell](mailto:Tony.Yannarell) College Contact
Email

bjgray2@illinois.edu acyann@illinois.edu

College Budget
Officer

College Budget
Officer Email

List the role for rollbacks (which role will edit the proposal on questions from EPC, e.g., Dept Head or Initiator) and/or any additional stakeholders. Purpose: List here who will do the editing work if proposal needs rolled back. And any other stakeholders.

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term Fall 2022

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 Liberals Art 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

In this proposal, the core Crop Sciences courses have been identified in a separate section. Core concentration courses were also identified. Courses that have been discontinued have been removed from the concentration requirements. In concentration electives, all Crop Sciences courses are now options for this concentration.

Does this proposal have any related proposals that will also be revised during the next 6 weeks? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently. Example: If you are revising the BS proposal and one related concentration within the next 6 weeks, "This BS proposal (key 567) is related to the Concentration A proposal (key 145)."

These 3 program revisions are related:

Crop Sciences: Agroecology, BS key 639

Crop Sciences: Crop Agribusiness, BS key 762

Crop Sciences: Horticultural Food Systems, BS key 536

Program Justification

Why are these changes necessary?

The Crop Science curriculum has been revised with courses removed, added or modified. During this revision a set of Crop Sciences core courses were established for all majors. These core courses need to be added to the concentration. These revisions also required a change in the concentration core. Due to deactivation and addition of courses in Crop Sciences and other departments, having specific electives was cumbersome and required multiple petitions. By opening up the electives, this issue was resolved. In addition, students can now tailor their courses to their specific issues and therefore be more relevant to their needs.

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?

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/revision of this program?

Yes

Courses outside
of the sponsoring
department/interdisciplinary
departments

[CHEM 232 - Elementary Organic Chemistry I](#)

[IB 103 - Introduction to Plant Biology](#)

[IB 420 - Plant Physiology](#)

[NRES 438 - Soil Nutrient Cycling](#)

[NRES 488 - Soil Fertility and Fertilizers](#)

[ACE 231 - Food and Agribusiness Mgt](#)

Please attach any [LOA CHEM Crop Sciences.pdf](#)
letters of [LOA IB Crop Sciences.pdf](#)
support/acknowledgement [Removal and adding of Courses_CPSC.pdf](#)
for any
Instructional
Resources
consider faculty,
students, and/or
other impacted
units as
appropriate.

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.

List the program's student learning outcomes. Each outcome should identify what students are expected to know and/or be able to do upon completing this program.

[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

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

Program of Study

"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

Revised programs [CPSC-Horticultural food systems Concentration Revision Side-by-Side seb \(2-24-22.xlsx\)](#)

Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chose-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text - Overview Tab

Description of program for the catalog page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for
Programs of
Study Catalog

Concentration Requirements

Course List

| Code | Title | Hours |
|------------------------|---|---------------|
| | Natural Science and Technology Required | 8 |
| <u>CHEM 102</u> | General Chemistry I | 4 |
| & <u>CHEM 103</u> | and General Chemistry Lab I | |
| <u>CHEM 104</u> | General Chemistry II | 4 |
| & <u>CHEM 105</u> | and General Chemistry Lab II | |
| CHEM 232 | Elementary Organic Chemistry I | |
| or CPSC 382 | Organic Chem of Biol Processes | |
| IB 103 | Introduction to Plant Biology | |
| | Concentration Required Core Courses: | 29 |
| | <u>CPSC Core Courses:</u> | <u>14</u> |
| <u>CPSC 102</u> | Foundational Skills in Crop Sciences | 2 |
| CPSC 226 | Course CPSC 226 Not Found | |
| CPSC 270 | Applied Entomology | |
| <u>CPSC 112</u> | <u>Introduction to Crop Sciences</u> | <u>4</u> |
| <u>CPSC 212</u> | <u>Introduction to Plant Protection</u> | <u>4</u> |
| | <u>Choose 3 hours from the following:</u> | |
| <u>CPSC 393</u> | <u>Crop Sciences Internship</u> | |
| <u>CPSC 395</u> | <u>Undergrad Research or Thesis</u> | |
| <u>HORT 393</u> | <u>Horticulture Internship</u> | |
| <u>HORT 395</u> | <u>Undergrad Research or Thesis</u> | |
| <u>CPSC 498</u> | Crop Sci Professional Develpmt | 1 |
| | <u>Concentration Requirments:</u> | <u>18</u> |
| <u>CPSC 382</u> | <u>Organic Chem of Biol Processes</u> | <u>4</u> |
| <u>HORT 100</u> | Introduction to Horticulture | 3 |
| HORT 240 | Plant Propagation | |
| HORT 360 | Vegetable Crop Production | |
| HORT 361 | Small Fruit Production | |
| HORT 362 | Tree Fruit Production | |
| <u>HORT 205</u> | Local Food Systems | 3 |
| HORT 301 | Course HORT 301 Not Found | |
| HORT 341 | Greenhouse Mgmt and Production 1 | |
| HORT 344 | Planting for Biodiversity and Aesthetics | |
| HORT 363 | Postharvest Handling Hort Crop | |
| HORT 421 | Horticultural Physiology 1 | |
| HORT 434 | Course HORT 434 Not Found | |
| HORT 435 | Urban Food Production | |
| HORT 442 | Plant Nutrition 1 | |
| HORT 447 | Horticultural Plant Breeding | |
| HORT 475 | Course HORT 475 Not Found | |

| Code | Title | Hours |
|--|---|-----------|
| TSM 311 | Course TSM 311 Not Found | |
| HORT 341 | Greenhouse Mgmt and Production | 4 |
| HORT 442 | Plant Nutrition | |
| CPSC 484 | Plant Physiology | |
| or IB 420 | Plant Physiology | |
| NRES 438 | Soil Nutrient Cycling | |
| or NRES 488 | Soil Fertility and Fertilizers | |
| NRES 201 | Introductory Soils | 4 |
| PLPA 204 | Course PLPA 204 Not Found | |
| Select 7 or 8 hours from the following specialized courses: | | 7-8 |
| CPSC 352 | Plant Genetics | |
| Concentration Electives (15hrs) | | 15 |
| ACE 231 | Food and Agribusiness Mgt | |
| CPSC 261 | Biotechnology in Agriculture | |
| CPSC 431 | Plants and Global Change | |
| CPSC 437 | Principles of Agroecology | |
| HORT 180 | Course HORT 180 Not Found | |
| <u>Choose from any 300 - 400 level CPSC, HORT, or PLPA courses, excluding CPSC 393, CPSC 395, HORT 393 and HORT 395.</u> | | <u>15</u> |
| Total ACES prescribed and elective hours must total 35 hours, of which 20 must be completed in residence. | | |
| Total Required Concentration Hours: | | 46 |
| <u>Choose from any CPSC, HORT or PLPA courses</u> | | |
| 1 <i>May only be applied here if not used as a Specialized Course.</i> | | |

Program Relationships

Corresponding

Program(s):

| |
|--------------------------|
| Corresponding Program(s) |
|--------------------------|

| |
|-------------------|
| Crop Sciences, BS |
|-------------------|

Program Features

Academic Level Undergraduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

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

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 since this is an existing concentration.

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

Attach File(s)

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 since this is an existing concentration.

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 collections, resources and services are sufficient to support this concentration revision.

HLC Section

Credit Hours

Of the total hours required, what is the:

#/% of credit hours of existing or repackaged curricula

#/% of hours of revised or redesigned curricula

#/% New curricula

Institutional level

Degree or nearest institutional level

Program Instructional Level

Does the unit currently offer programs at the same instructional level as the proposed program?

Institutional 4 digit CIP Code

Does the institution currently offer a program with the same 4-digit CIP as the proposed program?

Institutional 2 digit CIP Code

Does the institution currently offer a program with the same 2-digit CIP code as the proposed program?

Replace CIP Code

Will the proposed program replace a program currently offered with the same CIP code?

New Faculty Required

Will new faculty expertise or new faculty members be needed to launch this program?

Additional Funds

Will the proposed program require a large outlay of additional funds by the institution?

Institutional Funding

Please explain institutional funding for proposed program:

EP Documentation

EP Control Number EP.23.006

Attach
Rollback/Approval
Notices

This proposal No
requires HLC
inquiry

DMI Documentation

Attach Final
Approval Notices

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

Effective Date:

Attached

Document

Justification for
this request

Program Reviewer
Comments

Kathy Martensen (kmartens) (03/23/22 2:52 pm): Rollback: Since courses from outside the college (CHEM, MCB, and IB) are being removed as requirements, please obtain and attach notices acknowledging these changes from the impacted units. Also, the college's hour requirement listing is different in this concentration than the others. Can that be revised so it is consistently listed across all concentrations within the major?

Anna Ball (aball) (03/23/22 3:13 pm): Rollback: see provost rollback

Brooke Newell (bsnewell) (08/18/22 12:56 pm): Rollback: Adding Letters of Support/Acknowledgment

Barbara Lehman (bjlehman) (09/13/22 8:28 am): EP.23.006

From: Dilger, Anna Carol <adilger2@illinois.edu>
Sent: Tuesday, August 16, 2022 9:45 AM
To: Gregg, Brianna J <bjgray2@illinois.edu>
Subject: RE: acknowledgements needed

Fine with me!

Anna Dilger, PhD Animal Sciences
Office: 217-333-3986
Cell: 217-979-1044

From: Gregg, Brianna J <bjgray2@illinois.edu>
Sent: Monday, August 15, 2022 12:10 PM
To: Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>; Rausch, Kent D <krausch@illinois.edu>
Cc: Korte, Debra <dkorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>
Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762.

These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Miller, James Robert <jrmillr@illinois.edu>
Sent: Tuesday, August 16, 2022 10:24 AM
To: Gregg, Brianna J <bjgray2@illinois.edu>
Subject: RE: acknowledgements needed

Acknowledged – Jim

Natural Resources and Environmental Sciences

From: Gregg, Brianna J <bjgray2@illinois.edu>
Sent: Monday, August 15, 2022 12:10 PM
To: Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>; Rausch, Kent D <krausch@illinois.edu>
Cc: Korte, Debra <dskorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>
Subject: acknowledgements needed

Hello –

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Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Rausch, Kent D <krausch@illinois.edu>

Sent: Monday, August 15, 2022 12:27 PM

To: Gregg, Brianna J <bjgray2@illinois.edu>; Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>

Cc: Korte, Debra <dskorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>

Subject: Re: acknowledgements needed

Brianna,

I acknowledge and approve CPSC removal of this option since we've already approved this at an ACES CnC meeting (there were no voting buttons on my email). Thanks.

Kent - ABE

From: Gregg, Brianna J <bjgray2@illinois.edu>

Date: Monday, August 15, 2022 at 12:10 PM

To: Miller, James Robert <jrmillr@illinois.edu>, Endres, Bryan <bendres@illinois.edu>, Dilger, Anna Carol <adilger2@illinois.edu>, Pan, Yuan-Xiang <yxpan@illinois.edu>, Rausch, Kent D <krausch@illinois.edu>

Cc: Korte, Debra <dskorte@illinois.edu>, Lambert, Kris Nicholas <knlamber@illinois.edu>

Subject: acknowledgements needed

Hello –

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- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Endres, Bryan <bendres@illinois.edu>

Sent: Monday, August 15, 2022 12:14 PM

To: Gregg, Brianna J <bjgray2@illinois.edu>

Subject: Yes, I acknowledge that the course is being removed from the curriculum: acknowledgements needed

Yes, I acknowledge that the course is being removed from the curriculum: acknowledgements needed

Bryan Endres – ACE

From: Gregg, Brianna J <bjgray2@illinois.edu>

Date: Monday, August 15, 2022 at 12:10 PM

To: Miller, James Robert <jrmillr@illinois.edu>, Endres, Bryan <bendres@illinois.edu>, Dilger, Anna Carol <adilger2@illinois.edu>, Pan, Yuan-Xiang <yxpan@illinois.edu>, Rausch, Kent D <krausch@illinois.edu>

Cc: Korte, Debra <dskorte@illinois.edu>, Lambert, Kris Nicholas <knlamber@illinois.edu>

Subject: acknowledgements needed

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- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

From: Pan, Yuan-Xiang <yxpan@illinois.edu>
Sent: Thursday, August 18, 2022 2:28 PM
To: Gregg, Brianna J <bjgray2@illinois.edu>
Subject: RE: acknowledgements needed

Hi Brianna,
Yes, I acknowledge the change!
Pan

~~~~~  
Yuan-Xiang Pan, MS, PhD, Associate Professor  
476B Bevier Hall, MailCode-182  
905 South Goodwin Avenue  
Urbana, IL 61801-3816  
Tel 217-333-3466 Fax 217-265-0925  
<http://fshn.illinois.edu/directory/yxpan>  
<https://nutrsci.illinois.edu/directory/yxpan>  
<https://informatics.ischool.illinois.edu/faculty-affiliates/>  
~~~~~



You are not just what you eat, but what your mother and your grandmother ate as well...

From: Gregg, Brianna J
Sent: Monday, August 15, 2022 12:10 PM
To: Miller, James Robert <jrmillr@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Dilger, Anna Carol <adilger2@illinois.edu>; Pan, Yuan-Xiang <yxpan@illinois.edu>; Rausch, Kent D <krausch@illinois.edu>
Cc: Korte, Debra <dkorte@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>
Subject: acknowledgements needed

Hello –

By using the voting buttons above, would you please send me a response that you acknowledge as the department representative that crop sciences is removing an option to complete your course(s) from their program proposals for Agroecology – key 639, Horticultural Food Systems – key 536, and Crop Agribusiness – key 762. These programs have already been approved in the ACES C&C meetings, but the Provost/Ed Pol committee is asking for additional acknowledgements.

- ACE 210 or 310
- NRES 401, 419, 438, 439, 474 or 488
- ANSC 100
- FSHN 101
- NRES 102
- ACE 231
- ACE 345
- ACE 440
- ACE 448
- TSM 100/ETMA 100

Adding

- ACE 232
- Any 300-400 level ACE course

Thank you for your help!

-Brianna

Re: Curricula Revisions

Allan, Brian F <ballan@illinois.edu>

Mon 6/13/2022 3:09 PM

To: Downie, Stephen R <sdownie@illinois.edu>; Lambert, Kris Nicholas <knlamber@illinois.edu>

Dear Kris,

Thanks for your message. I am responding to acknowledge the changes you described below.

Best,
Brian

On 6/13/2022 3:06 PM, Stephen Downie wrote:

Dear Kris,

Thanks for your email. I am forwarding your request to Brian Allan, Acting Associate Director of Academic Affairs in SIB. Brian is filling in for me this year as I am in the Dean's Office.

Cheers,
Stephen

On 6/13/22 2:38 PM, Lambert, Kris Nicholas wrote:

Dear Dr. Downie,

I am writing to inform you about course revisions to three concentrations in the Department of Crop Sciences that will affect enrollment in some of your classes. For our Horticulture and Food Systems concentration we are removing IB 420 and IB 103. In our Agroecology concentration we are removing IB 150, IB 203 and IB 104. Finally, in our Agribusiness concentration we are removing IB 104.

Given the size of your classes and the limited number of students in these Crop Sciences concentrations, these revisions will have minimum impact on the enrollment for your classes. We would appreciate your acknowledgment of these revisions as soon as possible.

Best wishes,

Kris Lambert

Director of Undergraduate Programs
Associate Professor

Department of Crop Sciences
University of Illinois at Urbana-Champaign
Phone: 217-265-5165
Email: knlamber@illinois.edu

--

STEPHEN R. DOWNIE

Interim Associate Dean for Curricula and Academic Policy

College of Liberal Arts and Sciences
University of Illinois Urbana-Champaign
2070 Lincoln Hall
702 S Wright St | M/C 448
Urbana, IL 61801
217.333.1350 | sdownie@illinois.edu
sib.illinois.edu/profile/sdownie



Under the Illinois Freedom of Information Act any written communication to or from university employees regarding university business is a public record and may be subject to public disclosure.

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Brian F. Allan
Professor, Department of Entomology
Acting Associate Director for Academic Affairs, School of Integrative
Biology
University of Illinois Urbana-Champaign
<https://publish.illinois.edu/ballan/>

Re: Curricula Revisions

Axelson, Jordan Cole <axelson2@illinois.edu>

Tue 6/14/2022 10:14 PM

To: Lambert, Kris Nicholas <knlamber@illinois.edu>

Hi Kris,

Thank you for this notification.

To the best of our knowledge, this change should be fine. However, would it be possible to send us some sort of summary of the content covered in CPSC 382?

Some of our curriculum committee would like to review it further to better provide advice to any of your students who may be interested in pursuing a chemistry minor. We want to ensure that students who may need to take other upper division chemistry courses will have the tools they need to be successful in those courses as well.

Best,
Jordan

Jordan C. Axelson, PhD
(she, her, hers)
Director of Undergraduate Studies, Senior Lecturer
Department of Chemistry
University of Illinois at Urbana-Champaign
axelson2@illinois.edu

From: Lambert, Kris Nicholas <knlamber@illinois.edu>

Sent: Monday, June 13, 2022 1:59 PM

To: Axelson, Jordan Cole <axelson2@illinois.edu>

Subject: Curricula Revisions

Dear Dr. Axelson,

I am writing to inform you about course revisions to three concentrations in the Department of Crop Sciences that will affect enrollment in some of your classes. For our Horticulture and Food Systems, as well as our Agroecology concentrations, we are removing CHEM 232 as an option for our students. Instead, our majors will be required to take CPSC 382 (Organic Chemistry of Biological Processes). We feel that for consistency these two concentrations the Crop Science major should match.

In addition, CHEM 104 and 105 have been removed as requirements for the Crop Sciences Agribusiness concentration. We feel CHEM 102 and 103 are sufficient for this concentration.

Given the size of your classes, and the limited number of students in these Crop Sciences concentrations, these revisions will have minimum impact on the enrollment for your classes.

We would appreciate your acknowledgment of these revisions as soon as possible.

Best wishes,

Kris Lambert

Director of Undergraduate Programs
Associate Professor
Department of Crop Sciences
University of Illinois at Urbana-Champaign
Phone: 217-265-5165
Email: knlamber@illinois.edu

Date Submitted: 08/31/22 3:31 pm

Viewing: **10KV0438BSLA : Integrative
Biology, BSLAS**

Last approved: 06/23/22 4:19 pm

Last edit: 09/07/22 2:27 pm

Changes proposed by: Andrea Ray

[Integrative Biology, BSLAS](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. **U Program Review**
2. **1383 Head**
3. **SIB Head**
4. **KV Dean**
5. **University Librarian**
6. **Provost**
7. **Senate EPC**
8. Senate
9. U Senate Conf
10. Board of Trustees
11. IBHE
12. HLC
13. DMI

Approval Path

1. 08/31/22 3:39 pm
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 08/31/22 3:42 pm
Brian Allan
(ballan): Approved
for 1383 Head
3. 08/31/22 3:44 pm
Brian Allan
(ballan): Approved
for SIB Head
4. 09/02/22 4:13 pm
Andrea Ray
(aray): Approved
for KV Dean
5. 09/02/22 4:15 pm
John Wilkin
(jpwilkin):
Approved for
University
Librarian
6. 09/07/22 11:40
am

Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Apr 29, 2019 by
Deb Forgacs
(dforgacs)
2. Jan 16, 2020 by
Deb Forgacs
(dforgacs)
3. Jun 23, 2022 by
Deb Forgacs
(dforgacs)

Major (ex. Special Education)

This proposal is
for a:
Revision

Administration Details

Official Program Name Integrative Biology, BSLAS

Diploma Title

Sponsor College Liberal Arts & Sciences

Sponsor Department Integrative Biology

Sponsor Name Brian Allan ~~Carla Caceres~~

Sponsor Email ballan@illinois.edu ~~cecacere@illinois.edu~~

College Contact Stephen R. Downie

sdownie@illinois.edu

College Contact
Email

College Budget
Officer

College Budget
Officer Email

List the role for rollbacks (which role will edit the proposal on questions from EPC, e.g., Dept Head or Initiator) and/or any additional stakeholders. Purpose: List here who will do the editing work if proposal needs rolled back. And any other stakeholders.

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term Fall 2022

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 Liberal Arts and Sciences in Integrative Biology in the College of Liberal Arts and Sciences

Does this proposal have any related proposals that will also be revised during the next 6 weeks? Consider Majors, Minors, Concentrations & Joint Programs in your department. Please know that this information is used administratively to move related proposals through workflow efficiently. Example: If you are revising the BS proposal and one related concentration within the next 6 weeks, "This BS proposal (key 567) is related to the Concentration A proposal (key 145)."

Program Justification

Why are these changes necessary?

Removing footnotes and updating course listing according to new guidance from campus. Weblinks are being phased out in this area since courses are not updated when changes are made due to course audits. Also adding a sample sequence for the course catalog.

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?

Does the program include other courses/subjects outside of the sponsoring department impacted by the creation/revision of this program?

Yes

Courses outside of the sponsoring department/interdisciplinary departments

[MCB 300 - Microbiology](#)

[MCB 314 - Introduction to Neurobiology](#)

[MCB 450 - Introductory Biochemistry](#)

Please attach any [MCB Acknowledgement_082522.pdf](#)
letters of
support/acknowledgement
for any
Instructional
Resources
consider faculty,
students, and/or
other impacted
units as
appropriate.

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.

List the program's student learning outcomes. Each outcome should identify what students are expected to know and/or be able to do upon completing this program.

By the time they graduate, an Integrative Biology major should:

Content-related understandings

1. Possess a significant knowledge base in Integrative Biology, including but not limited to:

a. Structure and function

b. Ecology

c. Genetics

d. Evolution

e. Molecular biology

f. Statistical inference

2. Understand that biology is integrative and multidisciplinary

3. Show curiosity and caring about biology, and an awareness of and appreciation for the diversity of life

4. Understand how paradigms of biology relate to society and policy as well as their own lives

Competencies

1. Carry out the process of scientific inquiry

2. Use critical thinking skills and solve problems

3. Use quantitative reasoning and computation skills

4. Apply simple models (equations/math) to biological phenomena

5. Gain proficiency in scientific writing and speaking

6. Read and evaluate primary scientific literature

7. Critically evaluate science-related news and information

8. Work collaboratively

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

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

Program of Study

"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

Revised programs [IB BSLAS Sample Sequence_083122.docx](#)
[IB BSLAS Proposal_090222.docx](#)

Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chose-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text - Overview Tab

Description of program for the catalog page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

General education: Students ~~Students~~ must complete the ~~the~~ Campus General Education requirements ~~requirements~~ including the campus general education language requirement.

Minimum required major and supporting course work: Normally equates to to 66-75 hours. ~~work:~~ ~~Normally equates to to 66-76hours.~~ Minimum hours required for graduation: 120 hours. ~~graduation:~~

Orientation and Professional Development

Course List

| Code | Title | Hours |
|----------------|--|----------|
| <u>LAS 101</u> | <u>Design Your First Year Experience (International students take LAS 100 and External transfer students take LAS 102 instead)</u> | <u>1</u> |
| Total Hours | | 1 |

Major Core Requirements and Electives

Course List

| Code | Title | Hours |
|-------------------------------------|---|-------------|
| <u>MATH 220</u> | <u>Calculus (sections that start with 'X' are strongly recommended)</u> | <u>4-5</u> |
| <u>or MATH 221</u> | <u>Calculus I</u> | |
| <u>STAT 212</u> | <u>Biostatistics</u> | <u>3</u> |
| <u>Select one group of courses:</u> | | <u>8-10</u> |
| <u>CHEM 102</u> | <u>General Chemistry I</u> | |
| <u>CHEM 103</u> | <u>General Chemistry Lab I</u> | |
| <u>CHEM 104</u> | <u>General Chemistry II</u> | |
| <u>CHEM 105</u> | <u>General Chemistry Lab II</u> | |
| <u>or</u> | | |
| <u>CHEM 202</u> | <u>Accelerated Chemistry I</u> | |

| Code | Title | Hours |
|---|--|--------------|
| <u>CHEM 203</u> | <u>Accelerated Chemistry Lab I</u> | |
| <u>CHEM 204</u> | <u>Accelerated Chemistry II</u> | |
| <u>CHEM 205</u> | <u>Accelerated Chemistry Lab II</u> | |
| <u>Select one group of courses:</u> | | <u>5-6</u> |
| <u>CHEM 232</u> | <u>Elementary Organic Chemistry I</u> | |
| <u>& CHEM 233</u> | <u>and Elementary Organic Chem Lab I</u> | |
| <u>CHEM 236</u> | <u>Fundamental Organic Chem I</u> | |
| <u>& CHEM 237</u> | <u>and Structure and Synthesis</u> | |
| <u>Select one group of courses:</u> | | <u>8-10</u> |
| <u>PHYS 101</u> | <u>College Physics: Mech & Heat</u> | |
| <u>& PHYS 102</u> | <u>and College Physics: E&M & Modern</u> | |
| <u>PHYS 211</u> | <u>University Physics: Mechanics</u> | |
| <u>& PHYS 212</u> | <u>and University Physics: Elec & Mag</u> | |
| <u>IB 150</u> | <u>Organismal & Evolutionary Biol</u> | <u>4</u> |
| <u>MCB 150</u> | <u>Molec & Cellular Basis of Life</u> | <u>4</u> |
| <u>IB 202</u> | <u>Physiology (IB 202 requires animal dissection and no equivalent alternative is available. IB majors are required to enroll in the 4-hour version of this course.)</u> | <u>4</u> |
| <u>IB 203</u> | <u>Ecology</u> | <u>4</u> |
| <u>IB 204</u> | <u>Genetics (IB majors are required to enroll in the 4-hour version of IB 204.)</u> | <u>4</u> |
| <u>IB 302</u> | <u>Evolution</u> | <u>4</u> |
| <u>At least 14 hours of coursework from the Approved List of Advanced Courses below:</u> | | <u>14-17</u> |
| <u>At least one course from two of the following three areas:</u> | | |
| <u>Area I: Organismal and Evolutionary Biology (IB 335, IB 360, IB 362, IB 368, IB 401, IB 461, IB 462, IB 463, IB 464, IB 471)</u> | | |
| <u>Area II: Behavior, Ecology, and the Environment (IB 329, IB 361, IB 405, IB 430, IB 431, IB 432, IB 439, IB 440, IB 443, IB 444, IB 451, IB 452, IB 453, IB 481, IB 482, IB 485, IB 486, IB 494)</u> | | |
| <u>Area III: Integrative Anatomy, Physiology, and Molecular Biology (IB 303, IB 364, IB 420, IB 421, IB 426, IB 427, IB 434, IB 435)</u> | | |
| <u>One advanced course with a laboratory and/or field component.</u> | | |
| <u>IB 303, IB 335, IB 368, IB 401, IB 427, IB 430, IB 434, IB 444, IB 451, IB 461, IB 462, IB 463, IB 464, IB 467, IB 468, IB 471, IB 481, IB 482, IB 494</u> | | |
| <u>Remaining hours can be taken from any of the courses listed above or from the following list:</u> | | |
| <u>IB 348, IB 411, IB 416, IB 436, IB 442, IB 472, IB 473, IB 476, IB 478, IB 479, IB 480, IB 483, IB 484, IB 487, IB 491, MCB 300, MCB 314, MCB 450</u> | | |
| <u>Total Hours of Curriculum to Graduate</u> | | <u>120</u> |

~~120 hours.~~

~~1 The Biocalculus section of MATH-220%7C Code is strongly recommended for IB Majors.~~

~~IB-202%7C requires animal dissection and no equivalent alternative is available. IB majors are required to enroll in the 4-hour version of this course.~~

~~3 IB majors are required to enroll in the 4-hour version of IB-204%7C Code.~~

Course List

| Code | Title | Hours |
|-------------------------------------|---------------|-------------|
| MATH-220 | Calculus-1 | 4-5 |
| or MATH-221 | Calculus I | |
| STAT-212 | Biostatistics | 3 |
| <u>Select one group of courses:</u> | | <u>8-10</u> |

| Code | Title | Hours |
|--|---|-------|
| CHEM-102 | General Chemistry I | |
| CHEM-103 | General Chemistry Lab I | |
| CHEM-104 | General Chemistry II | |
| CHEM-105 | General Chemistry Lab II | |
| or | | |
| CHEM-202 | Accelerated Chemistry I | |
| CHEM-203 | Accelerated Chemistry Lab I | |
| CHEM-204 | Accelerated Chemistry II | |
| CHEM-205 | Accelerated Chemistry Lab II | |
| Select one group of courses: | | 5-6 |
| CHEM-232 & CHEM-233 | Elementary Organic Chemistry I and Elementary Organic Chem Lab I | |
| CHEM-236 & CHEM-237 | Fundamental Organic Chem I and Structure and Synthesis | |
| Select one group of courses: | | 8-10 |
| PHYS-101 & PHYS-102 | College Physics: Mech & Heat and College Physics: E&M & Modern | |
| PHYS-211 & PHYS-212 | University Physics: Mechanics and University Physics: Elec & Mag | |
| IB-150 | Organismal & Evolutionary Biol | 4 |
| MCB-150 | Molec & Cellular Basis of Life | 4 |
| IB-202 | Physiology-2 | 4 |
| IB-203 | Ecology | 4 |
| IB-204 | Genetics-3 | 4 |
| IB-302 | Evolution | 4 |
| At least 14 hours of coursework from the Approved List of Advanced Courses (http://sib.illinois.edu/courses/area) for IB majors, including: | | 14 |
| At least one course from two of the following three areas: | | |
| Area I: Organismal and Evolutionary Biology | | |
| Area II: Behavior, Ecology, and the Environment | | |
| Area III: Integrative Anatomy, Physiology, and Molecular Biology | | |
| One advanced course with a laboratory and/or field component. | | |

Corresponding Degree BSLAS Bachelor of Science in Liberal Arts and Sciences

Program Features

Academic Level Undergraduate

Does this major have transcripted concentrations? No

What is the typical time to completion of this program?
4 years

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

120 hours

CIP Code 269999 - Biological and Biomedical Sciences, Other.

Is This a Teacher Certification Program?
No

Will specialized accreditation be sought for this program?

No

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 2018

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

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 is no impact to the annual number of degrees awarded or 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 No

budgetary
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)

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

No

Attach File(s)

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 is no impact to the 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.

Library collections, resources and services are sufficient to support the Integrative
Biology, BSLAS major

HLC Section

Credit Hours

Of the total hours required, what is the:

#/% of credit hours of existing or repackaged curricula

#/% of hours of revised or redesigned curricula

#/% New curricula

Institutional level

Degree or nearest institutional level

Program Instructional Level

Does the unit currently offer programs at the same instructional level as the proposed program?

Institutional 4 digit CIP Code

Does the institution currently offer a program with the same 4-digit CIP as the proposed program?

Institutional 2 digit CIP Code

Does the institution currently offer a program with the same 2-digit CIP code as the proposed program?

Replace CIP Code

Will the proposed program replace a program currently offered with the same CIP code?

New Faculty Required

Will new faculty expertise or new faculty members be needed to launch this program?

Additional Funds

Will the proposed program require a large outlay of additional funds by the institution?

Institutional Funding

Please explain institutional funding for proposed program:

EP Documentation

EP Control Number EP.23.006

Attach Rollback/Approval Notices

This proposal requires HLC inquiry No

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name BSLAS: Integrative Biolgy -UIUC

Program Code: 10KV0438BSLA

| Minor Code | Conc Code | Degree Code | BSLAS | Major Code |
|------------|-----------|-------------|-------|------------|
| 0438 | | | | |

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer **Brooke Newell (bsnewell) (08/30/22 2:18 pm):** Rollback: Per discussion with
Comments Andrea.

Barbara Lehman (bjlehman) (09/13/22 8:53 am): EP.23.006

Key: 723

Integrative Biology, BSLAS

- **Overview**

for the degree of Bachelor of Science in Liberal Arts & Sciences Major in Integrative Biology

department website: <http://sib.illinois.edu/>

department faculty: [School of Integrative Biology Faculty](#)

advising: [SIB advising](#)

overview of college admissions & requirements: [Liberal Arts & Sciences](#)

college website: <https://las.illinois.edu/>

The Integrative Biology major provides students with a solid preparation in genetics, evolution, anatomy, physiology, ecology, and molecular biology. After completion of the foundational 100- and core 200-300-level courses in IB, students complete the required advanced coursework by taking a variety of IB and other courses or focusing on a limited area of IB. Plans for the student's combination of advanced courses are developed in consultation with an adviser.

All undergraduates in this field are required to have a strong background in the biological and physical sciences.

Students pursuing a degree in Integrative Biology will be allowed to earn a second degree in the Specialized Curriculum in Biochemistry. Students pursuing a degree in Integrative Biology will not be allowed to double major in Molecular and Cellular Biology.

For students interested in adding licensure to the BSLAS in Integrative Biology, please visit the Biology Teaching page: <http://sib.illinois.edu/undergraduate/programs/teaching>

Distinction for Excellence in Research: To be eligible for graduation with Distinction for Excellence in Research a student must:

- Be enrolled as an Integrative Biology Major.
- Complete 2 or more semesters of IB 390 or IB 490 for 2 credit hours or more each semester.
- Be signed up for IB 490 prior to or during the semester the student is being considered for Distinction.
- Maintain a minimum 3.25 GPA within the major at the end of the penultimate semester.
- Give a poster presentation at the Undergraduate Research Symposium or other approved venue.
- Have a completed distinction evaluation form submitted by their Faculty Research Advisor. Distinction will be determined by the SIB Distinction Committee based on the poster presentation and the Advisor's evaluation.

High or Highest Distinction for Excellence in Research: To be eligible for graduation with High or Highest Distinction for Excellence in Research a student must:

- Be enrolled as an Integrative Biology Major.
- Complete 2 or more semesters of IB 390 or IB 490 for 2 credit hours or more each semester.
- Be signed up for IB 490 prior to or during the semester the student is being considered for Distinction.
- Maintain a minimum 3.25 GPA within the major at the end of the penultimate semester.
- Submit a written thesis and give an oral presentation at the Undergraduate Research Symposium or other approved venue.
- Have a completed distinction evaluation form submitted by their Faculty Research Advisor.
- The level of Distinction will be determined by the SIB Distinction Committee based on the written thesis, the oral presentation, and the Advisor's evaluation.

For additional information visit: <http://sib.illinois.edu/undergraduate/distinction>

Integrative Biology, BSLAS

- **Degree Requirements**

for the degree of Bachelor of Science in Liberal Arts & Sciences Major in Integrative Biology

General education: **Students must complete the Campus General Education requirements including the campus general education language requirement.**

Minimum required major and supporting course work: **Normally equates to 66-75 hours.**

Minimum hours required for graduation: **120 hours.**

Orientation and Professional Development

| Code | Title | Hours |
|--------------------|--|----------|
| <u>LAS 101</u> | <u>Design Your First Year Experience (International students take LAS 100 and External transfer students take LAS 102 instead)</u> | <u>1</u> |
| Total Hours | | 1 |

Course List

Major Core Requirements and Electives

| | | |
|---------------------------------------|---|------|
| <u>MATH 220</u> or <u>MATH 221</u> | Calculus Calculus I | 4-5 |
| <u>STAT 212</u> | Biostatistics | 3 |
| Select one group of courses: | | 8-10 |
| <u>CHEM 102</u> | General Chemistry I | |
| <u>CHEM 103</u> | General Chemistry Lab I | |
| <u>CHEM 104</u> | General Chemistry II | |
| <u>CHEM 105</u> | General Chemistry Lab II | |
| or | | |
| <u>CHEM 202</u> | Accelerated Chemistry I | |
| <u>CHEM 203</u> | Accelerated Chemistry Lab I | |
| <u>CHEM 204</u> | Accelerated Chemistry II | |
| <u>CHEM 205</u> | Accelerated Chemistry Lab II | |
| Select one group of courses: | | 5-6 |
| <u>CHEM 232</u> & <u>CHEM 233</u> | Elementary Organic Chemistry I and Elementary Organic Chem Lab I | |

| | | |
|--|--|------|
| CHEM 236 & CHEM 237 | Fundamental Organic Chem I and Structure and Synthesis | |
| Select one group of courses: | | 8-10 |
| PHYS 101 & PHYS 102 | College Physics: Mech & Heat and College Physics: E&M & Modern | |
| PHYS 211 & PHYS 212 | University Physics: Mechanics and University Physics: Elec & Mag | |
| IB 150 | Organismal & Evolutionary Biol | 4 |
| MCB 150 | Molec & Cellular Basis of Life | 4 |
| IB 202 | Physiology (IB 202 requires animal dissection and no equivalent alternative is available. IB majors are required to enroll in the 4-hour version of this course.) | 4 |
| IB 203 | Ecology | 4 |
| IB 204 | Genetics (IB majors are required to enroll in the 4-hour version of IB 204 .) | 4 |
| IB 302 | Evolution | 4 |
| At least 14 hours of coursework from the Approved List of Advanced Courses below: | | 14 |
| At least one course from two of the following three areas: | | |
| Area I: Organismal and Evolutionary Biology (IB 335 , IB 360 , IB 362 , IB 368 , IB 401 , IB 461 , IB 462 , IB 463 , IB 464 , IB 471) | | |
| Area II: Behavior, Ecology, and the Environment (IB 329 , IB 361 , IB 405 , IB 430 , IB 431 , IB 432 , IB 439 , IB 440 , IB 443 , IB 444 , IB 451 , IB 452 , IB 453 , IB 481 , IB 482 , IB 485 , IB 486 , IB 494) | | |
| Area III: Integrative Anatomy, Physiology, and Molecular Biology (IB 303 , IB 364 , IB 420 , IB 421 , IB 426 , IB 427 , IB 434 , IB 435) | | |
| One advanced course with a laboratory and/or field component. | | |
| IB 303 , IB 335 , IB 368 , IB 401 , IB 427 , IB 430 , IB 434 , IB 444 , IB 451 , IB 461 , IB 462 , IB 463 , IB 464 , IB 467 , IB 468 , IB 471 , IB 481 , IB 482 , IB 494 | | |
| Remaining hours can be taken from any of the courses listed above or from the following list: | | |
| IB 348 , IB 411 , IB 416 , IB 436 , IB 442 , IB 472 , IB 473 , IB 476 , IB 478 , IB 479 , IB 480 , IB 483 , IB 484 , IB 487 , IB 491 , MCB 300 , MCB 314 , MCB 450 | | |
| Total Hours of Curriculum to Graduate | | 120 |

Integrative Biology, BSLAS

- **Sample Sequence**

for the degree of Bachelor of Science in Liberal Arts & Sciences Major in Integrative Biology

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of

this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a fourth level of a language other than English. This may require up to three semesters of language depending on high school coursework or placement. See the corresponding section on the Degree General and Education Requirements page: <http://catalog.illinois.edu/general-information/degree-general-education-requirements/>.

| First Year | | | |
|---|--------------|---|--------------|
| First Semester Courses | Hours | Second Semester Courses | Hours |
| LAS 101 | 1 | MCB 150 or IB 150 | 4 |
| IB 150 or MCB 150 | 4 | CHEM 104 and CHEM 204 | 3 |
| CHEM 102 or CHEM 202 | 3 | CHEM 105 or CHEM 205 | 1 |
| CHEM 103 or CHEM 203 | 1 | Language Other Than English (4th level) | 4 |
| Language Other Than English (3rd level) | 4 | Composition I or MATH 220 | 4 |
| Composition I or MATH 220 | 4 | | |
| semester sum | 17 | semester sum | 16 |
| Second Year | | | |
| First Semester Courses | Hours | Second Semester Courses | Hours |
| IB 203 | 4 | IB 202 | 4 |
| IB 204 | 4 | IB 302 | 4 |
| CHEM 232 or CHEM 236 | 4 | CHEM 233 or CHEM 237 | 2 |
| General Education course | 3 | STAT 212 | 3 |
| semester sum | 15 | semester sum | 13 |
| Third Year | | | |

| First Semester Courses | Hours | Second Semester Courses | Hours |
|---|--------------|--------------------------------|--------------|
| Advanced IB Course | 3 | Advanced IB Course | 3 |
| PHYS 101 or PHYS 211 | 5 or 4 | PHYS 102 or PHYS 212 | 5 or 4 |
| General Education course | 3 | General Education course | 3 |
| General Education course | 3 | General Education course | 3 |
| semester sum | 14 | semester sum | 14 |
| Fourth Year | | | |
| First Semester Courses | Hours | Second Semester Courses | Hours |
| Advanced IB Course | 3 | Advanced IB Course | 3 |
| Advanced IB Course | 3 | General Education course | 3 |
| General Education course | 3 | Free elective course | 3 |
| Free elective course | 4 | Free elective course | 3 |
| Free elective course | 3 | Free elective course | 3 |
| semester sum | 16 | semester sum | 15 |
| Total Hours: _____120_____ (Add up individual semester sums; must equal degree total minimum hours requirement listed on the degree's requirements page in the catalog.) | | | |

From: [Michael, Melissa](#)
To: [Ray, Andrea Lynne](#)
Cc: [Downie, Stephen R](#); [Bagchi, Milan K](#)
Subject: Re: Notification of changes to Integrative Biology, BSLAS; Please acknowledge receipt
Date: Thursday, August 25, 2022 2:18:24 PM
Attachments: [image001.png](#)

Dear Andrea,

The School of MCB is aware that these courses are options among a group of courses that count toward the BSLAS in IB. We remain committed to providing access to these courses when seats are available. We have no concerns about this update to the Academic Catalog. Thank you for checking in with us.

M

Melissa Michael
Associate Director for Curriculum & Instruction
School of Molecular & Cellular Biology
University of Illinois at Urbana-Champaign
mmichae@illinois.edu
+1 (217) 244-6238

From: "Ray, Andrea Lynne" <aray@illinois.edu>
Date: Thursday, August 25, 2022 at 11:42 AM
To: "Bagchi, Milan K" <mbagchi@illinois.edu>, "Michael, Melissa" <mmichae@illinois.edu>
Cc: "Downie, Stephen R" <sdownie@illinois.edu>
Subject: Notification of changes to Integrative Biology, BSLAS; Please acknowledge receipt

Dear Dr. Bagchi and Melissa,

The School of Integrative Biology is currently updating the program of study for the Integrative Biology, BSLAS degree in the Academic Catalog (<http://catalog.illinois.edu/undergraduate/las/integrative-biology-bslas/#degreerequirementstext>) to meet new campus requirements.

These requirements include permission from units outside of Integrative Biology to include courses as part of the program of study, whether as a required or elective course. Even though these courses may have always been on the elective list, we need to officially add them to the CIM ecosystem. These courses include MCB 300, MCB 314, and MCB 450.

In order for this revision to proceed, we need a positive response from you granting your permission to include these courses in the choice of electives. Please respond to this email by Monday, August 29 acknowledging that you approve of this listing of these three MCB courses as electives in the Integrative Biology BSLAS program of study.

If you have questions, please feel free to reach out to Stephen or myself.

Thank you!
Andrea

Andrea Ray
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**Watch your thoughts; they become words.  
Watch your words; they become actions.  
Watch your actions; they become habits.  
Watch your habits; they become character.  
Watch your character; it becomes your destiny.**

*Under the Illinois Freedom of Information Act any written communication to or from university employees regarding university business is a public record and may be subject to public disclosure.*