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 9, 2019. Additional information for each approval is attached.

A. Graduate Programs

Revise one concentration in the CAS, EdD, EdM, MA, and PhD programs in Education Policy, Organization and Leadership (EPOL):

1) History of Education Concentration -- In the list of courses from which students are to select 4 hours, remove EPS 401, History of Educational Ideas (2 hours); EPS 403, European Education to 1600 (2 hours); and EPS 404, European Education Since 1600 (2 hours). Seven courses remain on this “choose-from” list. There is no change to the number of hours required for the concentration or for any of the degrees (CAS, EdD, EdM, MA, and PhD in EPOL).

B. Undergraduate Programs

Revise three concentrations within the BS in Learning and Education Studies:

1) Applied Learning Science (AppLeS) Concentration – In the list of Cognitive Science of Learning Area courses from which students are to select two courses, replace PSYC 458, Introduction to Cognitive Science (3 hours), with BCOG 458, Advances in Brain and Cognitive Science (3 hours). PSYC 458 was discontinued effective Fall, 2019, replaced in the Department of Psychology’s offerings by a new course, BCOG 458. The College of Education had a revision to this concentration approved by the Senate on April 22, 2019; in parallel, the College of Liberal Arts and Sciences had proposed a revision to PSYC 458. Upon review, the revision was deemed to necessitate a deactivation and establishment of a new course, and the effective term for these course changes was set as the same as the originally requested revision, Fall, 2019. As such, the College of Education requests retroactive application of the curricular change to Fall, 2019. There is no change to the number of hours required for the concentration or the degree.

2) Digital Environments for Learning, Teaching and Agency (DELTA) Concentration – In the list of Learning and Cognition Area courses from which students are to choose one course, replace PSYC 458, Introduction to Cognitive Science (3 hours), with BCOG 458, Advances in Brain and Cognitive Science (3 hours). PSYC 458 was discontinued effective Fall, 2019, replaced in the Department of Psychology’s offerings by a new course, BCOG 458. The College of Education had a revision to this concentration approved by the Senate on April 22, 2019; in parallel, the College of Liberal Arts and Sciences had proposed a revision to PSYC 458. Upon review, the revision was deemed to necessitate a deactivation
and establishment of a new course, and the effective term for these course changes was set as the same as the originally requested revision, Fall, 2019. As such, the College of Education requests retroactive application of the curricular change to Fall, 2019. There is no change to the number of hours required for the concentration or the degree.

3) **Workplace Development Concentration** – Remove HRD 401, Training in Business/Industry (3 hours), from the list of Human Resource Development Applications area courses from which students are to select six courses. HRD 401 was deactivated effective Fall, 2019. Eleven courses remain from which students can select to fulfill this requirement. There is no change to the number of hours required for the concentration or the degree.

**Revise four concentrations within the BS in Crop Sciences:**

4) **Biological Sciences Concentration** – In the list of courses from which students are to select three courses, remove PLPA 401, Plant Pathogenic Fungi (4 hours), PLPA 402, Phytoparasitic Nematodes (4 hours); PLPA 404, Plant Virology (4 hours), and PLPA 406, Phytobacteriology (4 hours) which have been discontinued effective Fall, 2020. They are replaced by PLPA 403, Advanced Plant Pathology (4 hours), a new course effective Spring, 2020 that consolidates and presents the most relevant and up-to-date content previously covered in PLPA 401, 402, 404, and 406. There is no change to the number of hours required for the concentration or the degree.

5) **Crop Concentration** – In the list of courses from which students are to select three courses, remove PLPA 401, Plant Pathogenic Fungi (4 hours), PLPA 402, Phytoparasitic Nematodes (4 hours); PLPA 404, Plant Virology (4 hours), and PLPA 406, Phytobacteriology (4 hours) which have been discontinued effective Fall, 2020. They are replaced by PLPA 403, Advanced Plant Pathology (4 hours), a new course effective Spring, 2020 that consolidates and presents the most relevant and up-to-date content previously covered in PLPA 401, 402, 404, and 406. There is no change to the number of hours required for the concentration or the degree.

6) **Plant Protection Concentration** – In the list of courses from which students are to select three courses, remove PLPA 401, Plant Pathogenic Fungi (4 hours), PLPA 402, Phytoparasitic Nematodes (4 hours); PLPA 404, Plant Virology (4 hours), and PLPA 406, Phytobacteriology (4 hours) which have been discontinued effective Fall, 2020. They are replaced by PLPA 403, Advanced Plant Pathology (4 hours), a new course effective Spring, 2020 that consolidates and presents the most relevant and up-to-date content previously covered in PLPA 401, 402, 404, and 406. There is no change to the number of hours required for the concentration or the degree.

7) **Agroecology Concentration** – In the list of courses from which students are to select three courses, remove PLPA 401, Plant Pathogenic Fungi (4 hours), PLPA 402, Phytoparasitic Nematodes (4 hours); PLPA 404, Plant Virology (4 hours), and PLPA 406, Phytobacteriology (4 hours) which have been discontinued effective Fall, 2020. They are replaced by PLPA 403, Advanced Plant Pathology (4 hours), a new course effective Spring, 2020 that consolidates and presents the most relevant and up-to-date content previously covered in PLPA 401, 402, 404, and 406. There is no change to the number of hours required for the concentration or the degree.
5506: HISTORY OF EDUCATION CONCENTRATION - EPOL

In Workflow
1. Provost (kmartens@illinois.edu)
2. 1760 Committee Chair (wdhuang@illinois.edu)
3. 1760 Head (yoonpak@illinois.edu; ketchum@illinois.edu)
4. KN Committee Chair (kstalter@illinois.edu; jcromley@illinois.edu; kkernick@illinois.edu)
5. KN Dean (lmonda@illinois.edu; kstalter@illinois.edu; cspan@illinois.edu; kkernick@illinois.edu)
6. University Librarian (jpwilkin@illinois.edu)
7. Grad_College (agrindly@illinois.edu; jch@illinois.edu; lowry@illinois.edu)
8. Provost (kmartens@illinois.edu)
9. Registrar (fms-catalog@illinois.edu)
10. Senate EPC (bjlehman@illinois.edu)
11. Senate (jtempel@illinois.edu)
12. U Senate Conf (none)
13. Board of Trustees (none)
14. IBHE (none)
15. DMI (eastuby@illinois.edu; aledward@illinois.edu)

Approval Path
1. Mon, 20 May 2019 14:50:00 GMT
   Kathy Martensen (kmartens): Approved for Provost
   Denice Hood (dwhood): Approved for 1760 Committee Chair
   Laura Ketchum (ketchum): Approved for 1760 Head
4. Tue, 21 May 2019 14:34:28 GMT
   Jennifer Cromley (jcromley): Approved for KN Committee Chair
5. Fri, 24 May 2019 11:36:51 GMT
   Christopher Span (cspan): Approved for KN Dean
   John Wilkin (jpwilkin): Approved for University Librarian
7. Fri, 24 May 2019 16:38:42 GMT
   John C. Hart (jch): Approved for Grad_College
   Kathy Martensen (kmartens): Approved for Provost
9. Fri, 14 Jun 2019 17:30:19 GMT
   Deb Forgacs (dforgacs): Approved for Registrar

History
1. May 17, 2019 by Deb Forgacs (dforgacs)

Date Submitted: Mon, 20 May 2019 14:26:10 GMT

Viewing: 5506: History of Education Concentration - EPOL
Changes proposed by: Kathy Stalter

Proposal Type

This proposal is for a:
Revision
Proposal Title
Administrative approval: Remove of EPS 401, History of Educational Ideas (2 hours); EPS 403, European Education to 1600 (2 hours); and EPS 404, European Education Since 1600 (2 hours) from a list of courses from which students are to select 4 hours. Seven courses remain on this "choose-from" list.

Official Program Name
History of Education Concentration - EPOL

Banner/Codebook Name
History of Education

Program Code:
5506

Major Code
5399

Conc Code
5506

Effective Catalog Term
Spring 2020

Sponsor College
Education

Sponsor Department
Education Policy, Organization and Leadership

College Contact
Kathy Stalter

College Contact Email
kstalter@illinois.edu

Academic Level
Graduate
Program Description and Justification

Justification for proposal change:

EPS 401, 403, and 404 have all been deactivated as courses. Therefore, they must be removed from all programs that have identified these courses as options.

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

n/a

Estimated Annual Number of Degrees Awarded

Delivery Method

What is the program’s primary delivery method?

Online and Face-to-Face

Describe the use of this delivery method:

The delivery method is not affected by the removal of these 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
Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?
No

Technology

Will the program need additional technology beyond what is currently available for the unit?
No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?
No

Resources

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.
n/a

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.
n/a

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?
No

Does this new program/proposed change result in the replacement of another program?
No
Does the program include any required or recommended subjects that are offered by other departments?
No

Financial Resources

Will the unit need to seek campus or other external resources?
No

Will an existing tuition rate be used or continue to be used for this program?
Yes

Program Regulation

Is the career/profession for graduates of this program regulated by the State of Illinois?
No

Program of Study

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

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

Statement for Programs of Study Catalog

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPS 400 or EPS 405</td>
<td>History of American Education or Historical and Social Barriers</td>
<td>2 to 4</td>
</tr>
<tr>
<td>EPS 423</td>
<td>Politics of Education</td>
<td>3 or 4</td>
</tr>
</tbody>
</table>

Select four hours from the following courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPS 401</td>
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<tr>
<td>EPS 402</td>
<td>Asian American Education</td>
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<td>EPS 403</td>
<td>Course EPS 403 Not Found</td>
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<tr>
<td>EPS 404</td>
<td>Course EPS 404 Not Found</td>
</tr>
<tr>
<td>EPS 481</td>
<td>History of Amer Indian Educ</td>
</tr>
<tr>
<td>EPS 500</td>
<td>Topics in Educational Policy</td>
</tr>
<tr>
<td>EPS 501</td>
<td>History of U.S. Educational Thought</td>
</tr>
<tr>
<td>EPS 502</td>
<td>Education in the 20th Century</td>
</tr>
</tbody>
</table>
Program Reviewer Comments

Kathy Martensen (kmartens) (Wed, 21 Aug 2019 20:47:44 GMT): Edited requested effective term to Spring, 2020, as review of changes requested will take place after the start of the Fall, 2019 semester.

Kathy Martensen (kmartens) (Wed, 21 Aug 2019 21:48:13 GMT): Updated proposal title to reflect administrative approval status, clarified titles, hours, and # of courses remaining from which students can select within title.

Key: 776
5387: LEARNING & EDUCATION STUDIES: APPLIED LEARNING SCIENCE, BS

Completed Workflow
1. U Program Review (dforgacs@illinois.edu)
2. Provost (kmartens@illinois.edu)

Approval Path
1. Fri, 21 Jun 2019 21:51:35 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review
2. Fri, 21 Jun 2019 21:56:03 GMT
   Kathy Martensen (kmartens): Approved for Provost

History
1. May 6, 2019 by Deb Forgacs (dforgacs)
2. Jun 21, 2019 by Kathy Stalter (kstalter)

Date Submitted: Fri, 28 Jun 2019 16:14:36 GMT

Viewing: 5387: Learning & Education Studies: Applied Learning Science, BS
Changes proposed by: Kathy Stalter

Proposal Type

This proposal is for a:
Revision

Proposal Title
Administrative approval: Replacing PSYC 458 with BCOG 458. If possible, change effective term to FA19 upon EPC approval.

Official Program Name
Learning & Education Studies: Applied Learning Science, BS

Banner/Codebook Name
Applied Learning Science (AppLeS)

Program Code:
5387

Conc Code
5387

Degree Code
BS
Effective Catalog Term
Fall 2020

Sponsor College
Education

Sponsor Department
Education Administration

Sponsor Name
Lisa Monda-Amaya

Sponsor Email
lmonda@illinois.edu

College Contact
Kathy Stalter

College Contact Email
kstalter

Is this program interdisciplinary?
No

Corresponding Program(s):

<table>
<thead>
<tr>
<th>Corresponding Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning Education Studies, BS</td>
</tr>
</tbody>
</table>

Academic Level
Undergraduate

Program Description and Justification

Justification for proposal change:
Replacing PSYC 458 with BCOG 458. Information from PSYC 458 has rolled into BCOG 458.

Is This a Teacher Certification Program?
No
Will specialized accreditation be sought for this program?
No

Enrollment

Describe how this revision will impact enrollment and degrees awarded.
not applicable.

Delivery Method

What is the program’s primary delivery method?
Face-to-Face

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

Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?
No

Technology

Will the program need additional technology beyond what is currently available for the unit?
No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?
No
Resources

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.

not applicable

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.

not applicable

Instructional Resources

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

No

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

No

Does the program include any required or recommended subjects that are offered by other departments?

Yes

Required courses

EPSY 403 · Res Methods in Learning Scienc
CI 424 · Child Development & Technology
BCOG 458 · Adv in Brain & Cognitive Sci

Explain how these additional courses will be used by the program

All additional courses:
EPSY 395, EPSY 398, EPSY 402, EPSY 403, EPSY 404, EPSY 407, EPSY 431, EPSY 427, EPSY 456, EPSY 480 & EPSY 490
CI 424, CI 437, CI 482, CI 499

PSYC 458 is being replaced with BCOG 458.

See attached for support letter from dept. College level is still needed.

Attach letters of support from other departments.

Psych approval.pdf
Financial Resources

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

No

Program Regulation

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

No

Program of Study

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

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

Statement for Programs of Study Catalog

Applied Learning Science (AppLeS) Concentration

The following courses are required for this concentration. Changes/additions to this list can be obtained from the College office. Approvals for substitution must be submitted by petition to the College office for approval by the Assistant Dean for Academic Affairs.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPSY 403</td>
<td>Research Methods in Learning Sciences</td>
<td>3</td>
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<tr>
<td>EPSY 480</td>
<td>Educational Statistics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Capstone Research Project</td>
<td></td>
</tr>
<tr>
<td>EPSY 395</td>
<td>Independent Study (1 hour)</td>
<td></td>
</tr>
<tr>
<td>EPSY 398</td>
<td>Thesis (2 hours)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Choose 2 from the Cognitive Science of Learning area:</td>
<td>6</td>
</tr>
<tr>
<td>BCOG 458</td>
<td>Advances in Brain and Cognitive Science</td>
<td></td>
</tr>
<tr>
<td>EPSY 427</td>
<td>Learning from Text</td>
<td></td>
</tr>
<tr>
<td>EPSY 456</td>
<td>Human Performance and Cognition in Context</td>
<td></td>
</tr>
<tr>
<td>EPSY 490</td>
<td>Developments in Educational Psychology (Learning in Everyday Contexts section)</td>
<td></td>
</tr>
<tr>
<td>EPSY 490</td>
<td>Developments in Educational Psychology (Multimedia Comprehension section)</td>
<td></td>
</tr>
<tr>
<td>PSYC 458</td>
<td>Course PSYC 458 Not Found</td>
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</tr>
<tr>
<td></td>
<td>Choose 2 from the Learning in Social and Developmental Context area:</td>
<td>6</td>
</tr>
<tr>
<td>CI 424</td>
<td>Child Development &amp; Technology</td>
<td></td>
</tr>
<tr>
<td>EPSY 402</td>
<td>Sociocultural Influence on Learning</td>
<td></td>
</tr>
<tr>
<td>EPSY 404</td>
<td>Adjustment in School Settings</td>
<td></td>
</tr>
<tr>
<td>EPSY 407</td>
<td>Adult Learning and Development</td>
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<tr>
<td>Course</td>
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<td>------------</td>
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<tr>
<td>EPSY 431</td>
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<td>3</td>
</tr>
<tr>
<td>CI 437</td>
<td>Educational Game Design</td>
<td></td>
</tr>
<tr>
<td>CI 482</td>
<td>Social Learning and Multimedia</td>
<td></td>
</tr>
<tr>
<td>CI 499</td>
<td>Issues and Development in Education (Attention, Learning, and Technology section)</td>
<td></td>
</tr>
<tr>
<td>CI 499</td>
<td>Issues and Development in Education (Designing Learning Spaces section)</td>
<td></td>
</tr>
</tbody>
</table>

Total Hours: 24

Program Reviewer Comments

**Kathy Martensen (kmartens) (Wed, 21 Aug 2019 20:46:18 GMT):** Because this revision was due to a course change in another college that was originally thought to be a course revision but ended up being a deactivation and new course proposal, retroactive application to the Fall, 2019 semester is requested.


Key: 768
You have my approval.

Best,
Wendy

On Fri, Jun 21, 2019 at 11:15 AM Stalter, Kathy L <kstalter@illinois.edu> wrote:

Dear Dr. Hu and Dr. Heller,

The College of Education’s Learning and Education Studies program http://catalog.illinois.edu/undergraduate/education/learning-education-studies-bs/ used PSYC 458 as part of their curriculum for the DELTA and AppLeS concentrations. We have recently learned that this course has been discontinued and that its information was rolled into BCOG 458. We would like your approval to replace PSYC 458 with BCOG 458 in both of these concentrations.

The concentrations are currently listed in the Academic Catalog as:

### Applied Learning Science (AppLeS) Concentration

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPSY 403</td>
<td>Research Methods in Learning Sciences</td>
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<td>EPSY 480</td>
<td>Educational Statistics</td>
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<td>Capstone Research Project</td>
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</tr>
<tr>
<td>EPSY 395</td>
<td>Independent Study (1 hour)</td>
<td></td>
</tr>
<tr>
<td>EPSY 398</td>
<td>Thesis (2 hours)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Choose 2 from the Cognitive Science of Learning area:</td>
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<tr>
<td>EPSY 427</td>
<td>Learning from Text</td>
<td></td>
</tr>
<tr>
<td>EPSY 490</td>
<td>Developments in Educational Psychology (Learning in Everyday Contexts section)</td>
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<tr>
<td>EPSY 490</td>
<td>Developments in Educational Psychology (Multimedia Comprehension section)</td>
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<td>PSYC 458</td>
<td>Course PSYC 458 Not Found</td>
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<tr>
<td>EPSY 456</td>
<td>Human Performance and Cognition in Context</td>
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<tr>
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</tr>
<tr>
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</tr>
<tr>
<td></td>
<td>Choose 2 from the Learning in Social and Developmental Contexts area:</td>
<td>6</td>
</tr>
<tr>
<td>CI 424</td>
<td>Child Development &amp; Technology</td>
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<tr>
<td>EPSY 402</td>
<td>Sociocultural Influence on Learning</td>
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<tr>
<td>EPSY 404</td>
<td>Adjustment in School Settings</td>
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<tr>
<td>EPSY 407</td>
<td>Adult Learning and Development</td>
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</tr>
<tr>
<td>EPSY 431</td>
<td>Cognitive Development in Educational Context</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Choose 1 from the Learning and Technology area:</td>
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</tr>
<tr>
<td>CI 437</td>
<td>Educational Game Design</td>
<td></td>
</tr>
<tr>
<td>CI 482</td>
<td>Social Learning and Multimedia</td>
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</tr>
<tr>
<td>CI 499</td>
<td>Issues and Development in Education (Attention, Learning, and Technology section)</td>
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<td>Total Hours</td>
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</table>

**Course List**

**Digital Environments for Learning, Teaching and Agency (DELTA) Concentration**

<table>
<thead>
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<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
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<tr>
<td>CI 489</td>
<td>DELTA Capstone Project</td>
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<tr>
<td>EPSY 427</td>
<td>Learning from Text</td>
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<tr>
<td>EPSY 490</td>
<td>Developments in Educational Psychology (Multimedia Comprehension section)</td>
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<tr>
<td>PSYC 458</td>
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<tr>
<td>EPSY 491</td>
<td>Educational Psychology Field Instruction</td>
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<tr>
<td>CI 424</td>
<td>Child Development &amp; Technology</td>
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</tr>
<tr>
<td>CI 446</td>
<td>Culture in the Classroom</td>
<td></td>
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<tr>
<td>CI 482</td>
<td>Social Learning and Multimedia</td>
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<tr>
<td>EPSY 407</td>
<td>Adult Learning and Development</td>
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<td>EPSY 490</td>
<td>Developments in Educational Psychology (Learning in Everyday Contexts section)</td>
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<tr>
<td>CI 437</td>
<td>Educational Game Design</td>
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<tr>
<td>CI 438</td>
<td>Computer Programming and the Classroom</td>
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</table>
## Code Title Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>CI 482</td>
<td>Social Learning and Multimedia</td>
<td></td>
</tr>
<tr>
<td>CI 499</td>
<td>Issues and Development in Education (Attention, Learning and Technology section)</td>
<td></td>
</tr>
<tr>
<td>CI 499</td>
<td>Issues and Development in Education (Designing Learning Spaces section)</td>
<td></td>
</tr>
<tr>
<td>CI 499</td>
<td>Issues and Development in Education (Critiques of Educational Technology section)</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours** 24

### Course List

After the removal, the Academic Catalog will be revised to:

### Applied Learning Science (AppLeS) Concentration

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EPSY 403</td>
<td>Research Methods in Learning Sciences</td>
<td>3</td>
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<tr>
<td>EPSY 480</td>
<td>Educational Statistics</td>
<td>3</td>
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<td>Capstone Research Project</td>
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<td>EPSY 395</td>
<td>Independent Study (1 hour)</td>
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<td>Thesis (2 hours)</td>
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Choose 2 from the Cognitive Science of Learning area: 6

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>EPSY 427</td>
<td>Learning from Text</td>
<td></td>
</tr>
<tr>
<td>EPSY 490</td>
<td>Developments in Educational Psychology (Learning in Everyday Contexts section)</td>
<td></td>
</tr>
<tr>
<td>EPSY 490</td>
<td>Developments in Educational Psychology (Multimedia Comprehension section)</td>
<td></td>
</tr>
<tr>
<td>BCOG 458</td>
<td>Advances in Brain and Cognitive Science</td>
<td></td>
</tr>
<tr>
<td>EPSY 456</td>
<td>Human Performance and Cognition in Context</td>
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</table>

Choose 2 from the Learning in Social and Developmental Context area: 6

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI 424</td>
<td>Child Development &amp; Technology</td>
<td></td>
</tr>
<tr>
<td>EPSY 402</td>
<td>Sociocultural Influence on Learning</td>
<td></td>
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<tr>
<td>EPSY 404</td>
<td>Adjustment in School Settings</td>
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<tr>
<td>EPSY 407</td>
<td>Adult Learning and Development</td>
<td></td>
</tr>
<tr>
<td>EPSY 431</td>
<td>Cognitive Development in Educational Context</td>
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</table>

Choose 1 from the Learning and Technology area: 3

<table>
<thead>
<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>CI 437</td>
<td>Educational Game Design</td>
<td>3</td>
</tr>
<tr>
<td>CI 482</td>
<td>Social Learning and Multimedia</td>
<td></td>
</tr>
<tr>
<td>CI 499</td>
<td>Issues and Development in Education (Attention, Learning, and Technology section)</td>
<td></td>
</tr>
</tbody>
</table>
### Code | Title                                                                 | Hours |
--- | --------------------------------------------------------------------- |-------|
CI 499 | Issues and Development in Education (Designing Learning Spaces section) |       |

**Total Hours** | **24**

**Course List**

---

**Digital Environments for Learning, Teaching and Agency (DELTA) Concentration**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI 210</td>
<td>Introduction to Digital Learning Environments</td>
<td>3</td>
</tr>
<tr>
<td>CI 489</td>
<td>DELTA Capstone Project</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose 1 from the Learning and Cognition area:

- EPSY 427  | Learning from Text                                                   | 3     |
- EPSY 490  | Developments in Educational Psychology (Multimedia Comprehension section) |       |
- BCOG 458  | Advances in Brain and Cognitve Science                               |       |
- EPSY 491  | Educational Psychology Field Instruction                             |       |

Choose 2 from the Learning in Social and Developmental Contexts area:

- CI 424    | Child Development & Technology                                       | 6     |
- CI 446    | Culture in the Classroom                                             |       |
- CI 482    | Social Learning and Multimedia                                       |       |
- EPSY 407  | Adult Learning and Development                                       |       |
- EPSY 490  | Developments in Educational Psychology (Learning in Everyday Contexts section) |       |
- SPED 312  | Introduction to Educational Technology                               |       |

Choose 3 from the Learning and Technology Electives area:

- CI 437    | Educational Game Design                                              | 9     |
- CI 438    | Computer Programming and the Classroom                               |       |
- CI 482    | Social Learning and Multimedia                                       |       |
- CI 499    | Issues and Development in Education (Learning in Attention, Learning and Technology section) |       |
- CI 499    | Issues and Development in Education (Designing Learning Spaces section) |       |
- CI 499    | Issues and Development in Education (Critiques of Educational Technology section) |       |

**Total Hours** | **24**

---

Sincerely,

Kathy
Kathy Stalter
Assistant to the Associate Dean for Graduate Programs
College of Education
University of Illinois at Urbana-Champaign
1310 S. Sixth Street, Room 142
Champaign, IL 61820
http://education.illinois.edu

--
Wendy Heller
Professor and Head
Psychology Department, University of Illinois
603 E. Daniel St., Champaign 61820
e-mail: w-heller@illinois.edu
Telephone: 217-333-0632
5417: LEARNING & EDUCATION STUDIES: DIGITAL ENVIRONMENTS FOR LEARNING, TEACHING & AGENCY, BS

Completed Workflow
1. U Program Review (dforgacs@illinois.edu)
2. Provost (kmartens@illinois.edu)

Approval Path
   Deb Forgacs (dforgacs): Approved for U Program Review
   Kathy Martensen (kmartens): Approved for Provost

History
1. May 6, 2019 by Deb Forgacs (dforgacs)
2. Jun 21, 2019 by Kathy Stalter (kstalter)

Date Submitted: Fri, 28 Jun 2019 16:14:56 GMT

Viewing: 5417: Learning & Education Studies: Digital Environments for Learning, Teaching & Agency, BS
Changes proposed by: Kathy Stalter

Proposal Type

This proposal is for a:
Revision

Proposal Title
Administrative approval: Replacing PSYC 458 with BCOG 458, from this concentration. If possible, change effective term to FA19 upon EPC approval.

Official Program Name
Learning & Education Studies: Digital Environments for Learning, Teaching & Agency, BS

Banner/Codebook Name
Digital Environments for Learning, Teaching, and Agency

Program Code:
5417

Conc Code
5417

Degree Code
BS
Effective Catalog Term
Fall 2020

Sponsor College
Education

Sponsor Department
Education Administration

Sponsor Name
Lisa Monda-Amaya

Sponsor Email
lmonda@illinois.edu

College Contact
Kathy Stalter

College Contact Email
kstalter@illinois.edu

Is this program interdisciplinary?
No

Corresponding Program(s):

<table>
<thead>
<tr>
<th>Corresponding Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning Education Studies, BS</td>
</tr>
</tbody>
</table>

Academic Level
Undergraduate

Program Description and Justification

Justification for proposal change:
PSYC 458 has been discontinued and the content has been put into BCOG 458.

Is This a Teacher Certification Program?
No
Will specialized accreditation be sought for this program?
No

Enrollment
Describe how this revision will impact enrollment and degrees awarded.
not applicable

Delivery Method

What is the program's primary delivery method?
Face-to-Face

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

Resource Implications
Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?
No

Technology

Will the program need additional technology beyond what is currently available for the unit?
No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?
No
Resources

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.

not applicable

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.

not applicable

Instructional Resources

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

No

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

No

Does the program include any required or recommended subjects that are offered by other departments?

Yes

Required courses

EPSY 490 - Developments in Educ Psyc
SPED 312 - Intro to Ed Technology
CI 446 - Culture in the Classroom
BCOG 458 - Adv in Brain & Cognitive Sci

Explain how these additional courses will be used by the program

Additional courses include: EPSY 407, EPSY 427, EPSY 490, EPSY 491 and SPED 312, CI 210, CI 489, CI 482, CI 446, CI 424, CI 437, CI 438, CI 499, CI 482

PSYC 458 is being replaced with BCOG 458.

See attached for support letter from department, still need college level.

Attach letters of support from other departments.

EP1974_FINAL.pdf
Psych approval.pdf
Financial Resources

Will the unit need to seek campus or other external resources?
No

Program Regulation

Is the career/profession for graduates of this program regulated by the State of Illinois?
No

Program of Study

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

Revised programs

EP1974_FINAL.pdf

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

Statement for Programs of Study Catalog

Digital Environments for Learning, Teaching and Agency (DELTA) Concentration

The following courses are required for this concentration. Changes/additions to this list can be obtained from the College office. Approvals for substitution must be submitted by petition to the College office for approval by the Assistant Dean for Academic Affairs.

<table>
<thead>
<tr>
<th>Code</th>
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<td>EPSY 427</td>
<td>Learning from Text</td>
<td></td>
</tr>
<tr>
<td>EPSY 490</td>
<td>Developments in Educational Psychology (Multimedia Comprehension section)</td>
<td></td>
</tr>
<tr>
<td>EPSY 491</td>
<td>Educational Psychology Field Instruction</td>
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<tr>
<td>PSYC 458</td>
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<td>Choose 1 from the Learning and Cognition area:</td>
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<tr>
<td>3</td>
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<tr>
<td>Choose 2 from the Learning in Social and Developmental Contexts area:</td>
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</tr>
<tr>
<td>CI 424</td>
<td>Child Development &amp; Technology</td>
<td></td>
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<td>Culture in the Classroom</td>
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<td>EPSY 407</td>
<td>Adult Learning and Development</td>
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<tr>
<td>EPSY 490</td>
<td>Developments in Educational Psychology (Learning in Everyday Contexts section)</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>CI 437</td>
<td>Educational Game Design</td>
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<td>CI 438</td>
<td>Computer Programming and the Classroom</td>
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<tr>
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<td>Issues and Development in Education</td>
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</tr>
<tr>
<td></td>
<td>Attention, Learning and Technology section</td>
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</tr>
<tr>
<td>CI 499</td>
<td>Issues and Development in Education</td>
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</tr>
<tr>
<td></td>
<td>Designing Learning Spaces section</td>
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<tr>
<td>CI 499</td>
<td>Issues and Development in Education</td>
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</tr>
<tr>
<td></td>
<td>Critiques of Educational Technology section</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours: 24**

**Program Reviewer Comments**

*Kathy Martensen (kmartens) (Wed, 21 Aug 2019 20:46:35 GMT)*: Because this revision was due to a course change in another college that was originally thought to be a course revision but ended up being a deactivation and new course proposal, retroactive application to the Fall, 2019 semester is requested.


*Key: 771*
5389: LEARNING & EDUCATION STUDIES: WORKPLACE TRAINING & DEVELOPMENT, BS

In Workflow
1. U Program Review (dforgacs@illinois.edu)
2. 1335 Head (lmonda@illinois.edu; kmryan@illinois.edu)
3. KN Committee Chair (kstalter@illinois.edu; wdhuang@illinois.edu; kkernick@illinois.edu; awitt1@illinois.edu)
4. KN Dean (lmonda@illinois.edu; kstalter@illinois.edu; cspan@illinois.edu; kkernick@illinois.edu)
5. Provost (kmartens@illinois.edu)
6. Senate EPC (bjlehman@illinois.edu)
7. Senate (jtempel@illinois.edu)
8. U Senate Conf (none)
9. Board of Trustees (none)
10. IBHE (none)
11. DMI (eastuby@illinois.edu; aledward@illinois.edu)

Approval Path
1. Fri, 28 Jun 2019 19:09:36 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review
2. Mon, 01 Jul 2019 21:07:03 GMT
   Lisa Monda-Amaya (lmonda): Approved for 1335 Head
   Jennifer Cromley (jcromley): Approved for KN Committee Chair
   Lisa Monda-Amaya (lmonda): Approved for KN Dean
5. Tue, 02 Jul 2019 15:26:43 GMT
   Kathy Martensen (kmartens): Approved for Provost

History
1. May 6, 2019 by Deb Forgacs (dforgacs)

Date Submitted: Fri, 21 Jun 2019 19:53:04 GMT

Viewing: 5389 : Learning & Education Studies: Workplace Training & Development, BS
Changes proposed by: Kathy Stalter

Proposal Type

This proposal is for a:
Revision

Proposal Title

Administrative approval: Removing HRD 401, a discontinued course, from this concentration. If possible, change effective term to FA19 upon EPC approval.

Official Program Name

Learning & Education Studies: Workplace Training & Development, BS
Banner/Codebook Name
Workplace Training and Development

Program Code:
5389

Conc Code
5389

Degree Code
BS

Effective Catalog Term
Fall 2020

Sponsor College
Education

Sponsor Department
Education Administration

Sponsor Name
Lisa Monda-Amaya

Sponsor Email
Imonda@illinois.edu

College Contact
Kathy Stalter

College Contact Email
kstalter@illinois.edu

Is this program interdisciplinary?
No

Corresponding Program(s):

<table>
<thead>
<tr>
<th>Corresponding Program(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning Education Studies, BS</td>
</tr>
</tbody>
</table>
Academic Level
Undergraduate

Program Description and Justification

Justification for proposal change:
HRD 401 has been discontinued so it is being removed from the WTD concentration.

Is This a Teacher Certification Program?
No

Will specialized accreditation be sought for this program?
No

Enrollment

Describe how this revision will impact enrollment and degrees awarded.
n/a

Delivery Method

What is the program's primary delivery method?
Face-to-Face

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

Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?
No
Technology

Will the program need additional technology beyond what is currently available for the unit?
No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?
No

Resources

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.

n/a

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.

n/a

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?
No

Does this new program/proposed change result in the replacement of another program?
No

Does the program include any required or recommended subjects that are offered by other departments?
Yes

Required courses

HRD 400 - Principles of HRE
Explain how these additional courses will be used by the program

Removing HRD 401. Additional courses are: HRD 400, HRD 402, HRD 411, HRD 412, HRD 414, HRD 415, HRD 440, HRD 470, HRD 472, HRD 475, HRD 480, HRD 490.

Financial Resources

Will the unit need to seek campus or other external resources?
No

Program Regulation

Is the career/profession for graduates of this program regulated by the State of Illinois?
No

Program of Study

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

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

Statement for Programs of Study Catalog

Workplace Training and Development Concentration

The following courses are required for this concentration. Changes/additions to this list can be obtained from the College office. Approvals for substitution must be submitted by petition to the College office for approval by the Assistant Dean for Academic Affairs.

<table>
<thead>
<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>HRD 400</td>
<td>Principles of Human Resource Education</td>
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<tr>
<td>HRD 402</td>
<td>Business Principles for Human Resource Development</td>
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<tr>
<td>Choose 6 from the Human Resource Development Applications area:</td>
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</tr>
<tr>
<td>HRD 400</td>
<td>Principles of Human Resource Education</td>
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</tr>
<tr>
<td>HRD 411</td>
<td>Instructional and Training System Design</td>
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<tr>
<td>HRD 412</td>
<td>Instructional Techniques</td>
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<tr>
<td>HRD 414</td>
<td>Facilitation Skills</td>
<td></td>
</tr>
<tr>
<td>HRD 415</td>
<td>Diversity in the Workplace</td>
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<tr>
<td>HRD 440</td>
<td>Work Analysis</td>
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<td>HRD 470</td>
<td>Designing and Evaluating E-Learning Systems</td>
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<tr>
<td>HRD 472</td>
<td>Learning Technologies</td>
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<td>Course Title</td>
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<td></td>
</tr>
<tr>
<td>HRD 475</td>
<td>Project Management Principles and Applications</td>
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</tr>
<tr>
<td>HRD 480</td>
<td>Introduction to eLearning</td>
<td></td>
</tr>
<tr>
<td>HRD 490</td>
<td>Issues and Developments in Human Resource Development</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours**: 24

**Program Reviewer Comments**


*Kathy Martensen (kmartens) (Wed, 21 Aug 2019 20:46:26 GMT):* Because this revision was due to a course change in another college that was originally thought to be a course revision but ended up being a deactivation and new course proposal, retroactive application to the Fall, 2019 semester is requested.


Key: 770
10KL0036BS: CROP SCIENCES: BIOLOGICAL SCIENCES, BS

In Workflow
1. U Program Review (dforgacs@illinois.edu)
2. 1802 Head (asdavis1@illinois.edu)
3. KL Committee Chair (acyann@illinois.edu)
4. KL Dean (aball@illinois.edu)
5. University Librarian (jpwilkin@illinois.edu)
6. Provost (kmartens@illinois.edu)
7. Senate EPC (bjlehman@illinois.edu)
8. Senate (jtempel@illinois.edu)
9. U Senate Conf (none)
10. Board of Trustees (none)
11. IBHE (none)
12. DMI (eastuby@illinois.edu; aledward@illinois.edu)

Approval Path
1. Tue, 30 Jul 2019 16:44:09 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review
2. Tue, 30 Jul 2019 16:59:31 GMT
   Adam Davis (asdavis1): Approved for 1802 Head
3. Tue, 30 Jul 2019 18:31:02 GMT
   Brianna Gregg (bjgray2): Approved for KL Committee Chair
4. Tue, 30 Jul 2019 19:41:33 GMT
   David Rosch (dmrosch): Approved for KL Dean
5. Tue, 30 Jul 2019 19:48:45 GMT
   John Wilkin (jpwilkin): Approved for University Librarian
   Kathy Martensen (kmartens): Approved for Provost

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

Date Submitted: Tue, 30 Jul 2019 16:42:36 GMT

Viewing: 10KL0036BS : Crop Sciences: Biological Sciences, BS

Changes proposed by: Scott Bartlett

Proposal Type

This proposal is for a:
Revision

Proposal Title

Administrative approval: Update Crop Sciences concentrations to remove deactivated courses and to add newly created course.

Official Program Name

Crop Sciences: Biological Sciences, BS
Banner/Codebook Name
BS:Crop Sci - Biol Sci - UIUC

Program Code:
10KL0036BS

Major Code
0030

Conc Code
0036

Degree Code
BS

Effective Catalog Term
Fall 2020

Sponsor College
Agr, Consumer, & Env Sciences

Sponsor Department
Crop Sciences

Sponsor Name
Scott Bartlett

Sponsor Email
sbartlet@illinois.edu

College Contact
Brianna Gregg

College Contact Email
bjgray2@illinois.edu

Academic Level
Undergraduate
Program Description and Justification

Justification for proposal change:
Crop Sciences has deactivated PLPA 401, 402, 404, and 406. These courses are now consolidated into one new course, PLPA 403.

Is This a Teacher Certification Program?
No

Will specialized accreditation be sought for this program?
No

Enrollment

Describe how this revision will impact enrollment and degrees awarded.
NA

Estimated Annual Number of Degrees Awarded

Delivery Method

What is the program's primary delivery method?
Face-to-Face

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

Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?
No
Technology

Will the program need additional technology beyond what is currently available for the unit?
No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?
No

Resources

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.
NA

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.
NA

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?
No

Does this new program/proposed change result in the replacement of another program?
No

Does the program include any required or recommended subjects that are offered by other departments?
No
Financial Resources

Will the unit need to seek campus or other external resources?
No

Will an existing tuition rate be used or continue to be used for this program?
Yes

Program Regulation

Is the career/profession for graduates of this program regulated by the State of Illinois?
No

Program of Study

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

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

Statement for Programs of Study Catalog

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Natural Sciences and Technology</td>
<td></td>
</tr>
<tr>
<td>CHEM 102 &amp; CHEM 103</td>
<td>General Chemistry I and General Chemistry Lab I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 104 &amp; CHEM 105</td>
<td>General Chemistry II and General Chemistry Lab II</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 232</td>
<td>Elementary Organic Chemistry I</td>
<td>3 or 4</td>
</tr>
<tr>
<td>IB 103</td>
<td>Introduction to Plant Biology</td>
<td>4</td>
</tr>
<tr>
<td>IB 150</td>
<td>Organismal &amp; Evolutionary Biol</td>
<td>4</td>
</tr>
<tr>
<td>MCB 150</td>
<td>Molec &amp; Cellular Basis of Life</td>
<td>4</td>
</tr>
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<td>PHYS 101</td>
<td>College Physics: Mech &amp; Heat</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Biological Sciences Concentration Required</td>
<td></td>
</tr>
<tr>
<td>CPSC 112</td>
<td>Introduction to Crop Sciences</td>
<td>4</td>
</tr>
<tr>
<td>CPSC 261</td>
<td>Biotechnology in Agriculture</td>
<td>3</td>
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<tr>
<td>or CPSC 265</td>
<td>Genetic Engineering Lab</td>
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</tr>
<tr>
<td>CPSC 352</td>
<td>Plant Genetics</td>
<td>4</td>
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<tr>
<td>CPSC 498</td>
<td>Crop Sci Professional Develpmemt</td>
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<td>CPSC 226</td>
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<td>Course Title</td>
<td></td>
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<td>------------</td>
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<td></td>
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<tr>
<td>CPSC 270</td>
<td>Applied Entomology</td>
<td></td>
</tr>
<tr>
<td>PLPA 204</td>
<td>Introductory Plant Pathology</td>
<td></td>
</tr>
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Select three of the following: 9

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<th>Course Title</th>
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<tbody>
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<td>Weed Mgt in Agronomic Crops</td>
</tr>
<tr>
<td>CPSC 431</td>
<td>Plants and Global Change</td>
</tr>
<tr>
<td>CPSC 452</td>
<td>Advanced Plant Genetics</td>
</tr>
<tr>
<td>CPSC 453</td>
<td>Principles of Plant Breeding</td>
</tr>
<tr>
<td>CPSC 466</td>
<td>Genomics for Plant Improvement</td>
</tr>
<tr>
<td>CPSC 473</td>
<td>Mgmt of Field Crop Insects</td>
</tr>
<tr>
<td>CPSC 484</td>
<td>Plant Physiology</td>
</tr>
<tr>
<td>or HORT 421</td>
<td>Horticultural Physiology</td>
</tr>
<tr>
<td>PLPA 401</td>
<td>Course PLPA 401 Not Found</td>
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<td>PLPA 402</td>
<td>Course PLPA 402 Not Found</td>
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<td>PLPA 404</td>
<td>Course PLPA 404 Not Found</td>
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<td>PLPA 403</td>
<td>Advanced Plant Pathology</td>
</tr>
<tr>
<td>PLPA 405</td>
<td>Plant Disease Diagnosis &amp; Mgmt</td>
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<td>PLPA 406</td>
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<tr>
<td>PLPA 407</td>
<td>Diseases of Field Crops</td>
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Select one of the following: 3-4

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>ANSC 100</td>
<td>Intro to Animal Sciences</td>
</tr>
<tr>
<td>FSHN 101</td>
<td>Intro Food Science &amp; Nutrition</td>
</tr>
<tr>
<td>HORT 100</td>
<td>Introduction to Horticulture</td>
</tr>
<tr>
<td>NRES 102</td>
<td>Introduction to NRES</td>
</tr>
<tr>
<td>NRES 201</td>
<td>Introductory Soils</td>
</tr>
<tr>
<td>TSM 100</td>
<td>Technical Systems in Agr</td>
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Select one of the following: 3-5

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MCB 100</td>
<td>Introductory Microbiology</td>
</tr>
<tr>
<td>&amp; MCB 101</td>
<td>and Intro Microbiology Laboratory</td>
</tr>
<tr>
<td>MCB 450</td>
<td>Introductory Biochemistry</td>
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</table>

Natural Science Electives 6-9

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

Program Reviewer Comments


Key: 761
10KL0033BS: CROP SCIENCES: CROPS, BS

In Workflow
1. U Program Review (dforgacs@illinois.edu)
2. 1802 Head (asdavis1@illinois.edu)
3. KL Committee Chair (acyann@illinois.edu)
4. KL Dean (aball@illinois.edu)
5. University Librarian (jpwilkin@illinois.edu)
6. Provost (kmartens@illinois.edu)
7. Senate EPC (bjlehman@illinois.edu)
8. Senate (jtempel@illinois.edu)
9. U Senate Conf (none)
10. Board of Trustees (none)
11. IBHE (none)
12. DMI (eastuby@illinois.edu; aledward@illinois.edu)

Approval Path
1. Tue, 30 Jul 2019 16:44:07 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review
2. Tue, 30 Jul 2019 16:59:27 GMT
   Adam Davis (asdavis1): Approved for 1802 Head
3. Tue, 30 Jul 2019 18:30:58 GMT
   Brianna Gregg (bjgray2): Approved for KL Committee Chair
4. Tue, 30 Jul 2019 19:41:11 GMT
   David Rosch (dmrosch): Approved for KL Dean
5. Tue, 30 Jul 2019 19:48:34 GMT
   John Wilkin (jpwilkin): Approved for University Librarian
   Kathy Martensen (kmartens): Approved for Provost

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

Date Submitted: Tue, 30 Jul 2019 16:42:18 GMT

Viewing: 10KL0033BS : Crop Sciences: Crops, BS
Changes proposed by: Scott Bartlett

Proposal Type

This proposal is for a:
Revision

Proposal Title

Administrative approval: Update Crop Sciences concentrations to remove deactivated courses and to add newly created course.

Official Program Name

Crop Sciences: Crops, BS
Banner/Codebook Name

BS:Crop Sciences - Crops - UIUC

Program Code:

10KL0033BS

Major Code

0030

Conc Code

0033

Degree Code

BS

Effective Catalog Term

Fall 2020

Sponsor College

Agr, Consumer, & Env Sciences

Sponsor Department

Crop Sciences

Sponsor Name

Scott Bartlett

Sponsor Email

sbartlet@illinois.edu

College Contact

Brianna Gregg

College Contact Email

bjgray2@illinois.edu

Academic Level

Undergraduate
**Program Description and Justification**

**Justification for proposal change:**
Crop Sciences has deactivated PLPA 401, 402, 404, and 406. These courses are now consolidated into one new course, PLPA 403.

**Is This a Teacher Certification Program?**
No

**Will specialized accreditation be sought for this program?**
No

**Enrollment**

Describe how this revision will impact enrollment and degrees awarded.
NA

**Estimated Annual Number of Degrees Awarded**

**Delivery Method**

**What is the program's primary delivery method?**
Face-to-Face

**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

**Resource Implications**

**Facilities**

**Will the program require new or additional facilities or significant improvements to already existing facilities?**
No
Technology

Will the program need additional technology beyond what is currently available for the unit?
No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?
No

Resources

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.
NA

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.
NA

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?
No

Does this new program/proposed change result in the replacement of another program?
No

Does the program include any required or recommended subjects that are offered by other departments?
No
Financial Resources

Will the unit need to seek campus or other external resources?
No

Will an existing tuition rate be used or continue to be used for this program?
Yes

Program Regulation

Is the career/profession for graduates of this program regulated by the State of Illinois?
No

Program of Study

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

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

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<thead>
<tr>
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<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Natural Sciences and Technology</strong></td>
<td></td>
</tr>
</tbody>
</table>
| 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     |
| CHEM 232  or CPSC 382 | Elementary Organic Chemistry I  
Organic Chem of Biol Processes | 4     |
| IB 103    | Introduction to Plant Biology                  | 4     |
|            | **Crops Concentration Required**               |       |
| CPSC 112  | Introduction to Crop Sciences                   | 4     |
| CPSC 226  | Introduction to Weed Science                    | 3     |
| CPSC 270  | Applied Entomology                              | 3     |
| CPSC 498  | Crop Sci Professional Developm.                | 1     |
| NRES 201  | Introductory Soils                              | 4     |
| PLPA 204  | Introductory Plant Pathology                    | 3     |
| Select one of the following: |                                   | 4-5   |
| MCB 100  & MCB 101 | Introductory Microbiology  
and Intro Microbiology Laboratory |       |
IB 104  Animal Biology

Select one of the following:  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANSC 100</td>
<td>Intro to Animal Sciences</td>
</tr>
<tr>
<td>FSHN 101</td>
<td>Intro Food Science &amp; Nutrition</td>
</tr>
<tr>
<td>HORT 100</td>
<td>Introduction to Horticulture</td>
</tr>
<tr>
<td>NRES 102</td>
<td>Introduction to NRES</td>
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<tr>
<td>TSM 100</td>
<td>Technical Systems in Agr</td>
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Select 12 hours from the following:  

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<td>Biotechnology in Agriculture</td>
</tr>
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<td>CPSC 265</td>
<td>Genetic Engineering Lab</td>
</tr>
<tr>
<td>CPSC 352</td>
<td>Plant Genetics</td>
</tr>
<tr>
<td>CPSC 412</td>
<td>Principles of Crop Production</td>
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<tr>
<td>CPSC 414</td>
<td>Forage Crops and Pasture Eco</td>
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<tr>
<td>CPSC 415</td>
<td>Bioenergy Crops</td>
</tr>
<tr>
<td>CPSC 418</td>
<td>Crop Growth and Management</td>
</tr>
<tr>
<td>CPSC 426</td>
<td>Weed Mgt in Agronomic Crops</td>
</tr>
<tr>
<td>CPSC 431</td>
<td>Plants and Global Change</td>
</tr>
<tr>
<td>CPSC 437</td>
<td>Principles of Agroecology</td>
</tr>
<tr>
<td>CPSC 452</td>
<td>Advanced Plant Genetics</td>
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<tr>
<td>CPSC 453</td>
<td>Principles of Plant Breeding</td>
</tr>
<tr>
<td>CPSC 454</td>
<td>Plant Breeding Methods</td>
</tr>
<tr>
<td>CPSC 484</td>
<td>Plant Physiology</td>
</tr>
<tr>
<td>or HORT 421</td>
<td>Horticultural Physiology</td>
</tr>
<tr>
<td>NRES 419</td>
<td>Env and Plant Ecosystems</td>
</tr>
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<td>PLPA 401</td>
<td>Course PLPA 401 Not Found</td>
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<td>PLPA 402</td>
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<td>PLPA 404</td>
<td>Course PLPA 404 Not Found</td>
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<tr>
<td>PLPA 403</td>
<td>Advanced Plant Pathology</td>
</tr>
<tr>
<td>PLPA 405</td>
<td>Plant Disease Diagnosis &amp; Mgmt</td>
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<td>PLPA 406</td>
<td>Course PLPA 406 Not Found</td>
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<tr>
<td>PLPA 407</td>
<td>Diseases of Field Crops</td>
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Select six hours from the following:  

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<th>Course Title</th>
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<td>Pedology</td>
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<td>NRES 474</td>
<td>Soil and Water Conservation</td>
</tr>
<tr>
<td>NRES 475</td>
<td>Environmental Microbiology</td>
</tr>
<tr>
<td>NRES 488</td>
<td>Soil Fertility and Fertilizers</td>
</tr>
</tbody>
</table>

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

Total Hours 126

Program Reviewer Comments


Key: 763
**10KL0032BS: CROP SCIENCES: PLANT PROTECTION, BS**

**In Workflow**
1. U Program Review (dforgacs@illinois.edu)
2. 1802 Head (asdavis1@illinois.edu)
3. KL Committee Chair (acyann@illinois.edu)
4. KL Dean (aball@illinois.edu)
5. University Librarian (jpwilkin@illinois.edu)
6. Provost (kmartens@illinois.edu)
7. Senate EPC (bjlehman@illinois.edu)
8. Senate (jtempel@illinois.edu)
9. U Senate Conf (none)
10. Board of Trustees (none)
11. IBHE (none)
12. DMI (eastuby@illinois.edu; aledward@illinois.edu)

**Approval Path**
1. Tue, 30 Jul 2019 16:44:03 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review
2. Tue, 30 Jul 2019 16:59:22 GMT
   Adam Davis (asdavis1): Approved for 1802 Head
3. Tue, 30 Jul 2019 18:30:52 GMT
   Brianna Gregg (bjgray2): Approved for KL Committee Chair
4. Tue, 30 Jul 2019 19:40:52 GMT
   David Rosch (dmrosch): Approved for KL Dean
5. Tue, 30 Jul 2019 19:48:25 GMT
   John Wilkin (jpwilkin): Approved for University Librarian
   Kathy Martensen (kmartens): Approved for Provost

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

Date Submitted: Tue, 30 Jul 2019 16:42:01 GMT

**Viewing:** 10KL0032BS : Crop Sciences: Plant Protection, BS
Changes proposed by: Scott Bartlett

**Proposal Type**

This proposal is for a:
Revision

**Proposal Title**

Administrative approval: Update Crop Sciences concentrations to remove deactivated courses and to add newly created course.

**Official Program Name**

Crop Sciences: Plant Protection, BS
Banner/Codebook Name
BS: Crop Sci- Plant Prtct - UIUC

Program Code:
10KL0032BS

Major Code
0030

Conc Code
0032

Degree Code
BS

Effective Catalog Term
Fall 2020

Sponsor College
Agr, Consumer, & Env Sciences

Sponsor Department
Crop Sciences

Sponsor Name
Scott Bartlett

Sponsor Email
sbartlet@illinois.edu

College Contact
Brianna Gregg

College Contact Email
bjgray2@illinois.edu

Academic Level
Undergraduate
Program Description and Justification

Justification for proposal change:
Crop Sciences has deactivated PLPA 401, 402, 404, and 406. These courses are now consolidated into one new course, PLPA 403.

Is This a Teacher Certification Program?
No

Will specialized accreditation be sought for this program?
No

Enrollment

Describe how this revision will impact enrollment and degrees awarded.
NA

Estimated Annual Number of Degrees Awarded

Delivery Method

What is the program’s primary delivery method?
Face-to-Face

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

Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?
No
Technology

Will the program need additional technology beyond what is currently available for the unit?
No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?
No

Resources

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.
NA

Library Resources

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NA

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?
No

Does this new program/proposed change result in the replacement of another program?
No

Does the program include any required or recommended subjects that are offered by other departments?
No
Financial Resources

Will the unit need to seek campus or other external resources?
No

Will an existing tuition rate be used or continue to be used for this program?
Yes

Program Regulation

Is the career/profession for graduates of this program regulated by the State of Illinois?
No

Program of Study

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</tr>
<tr>
<td>CHEM 104 &amp; CHEM 105</td>
<td>General Chemistry II and General Chemistry Lab II</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 232 or CPSC 382</td>
<td>Elementary Organic Chemistry I or Organic Chem of Biol Processes</td>
<td>3-4</td>
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<td>IB 103</td>
<td>Introduction to Plant Biology</td>
<td>4</td>
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<td>Select one of the following:</td>
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<td>4-5</td>
</tr>
<tr>
<td>MCB 100 &amp; MCB 101</td>
<td>Introductory Microbiology and Intro Microbiology Laboratory</td>
<td></td>
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<tr>
<td>IB 104</td>
<td>Animal Biology</td>
<td></td>
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<tr>
<td>Plant Protection Concentration Required</td>
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<td></td>
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<td>CPSC 112</td>
<td>Introduction to Crop Sciences</td>
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<td>CPSC 226</td>
<td>Introduction to Weed Science</td>
<td>3</td>
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<td>CPSC 270</td>
<td>Applied Entomology</td>
<td>3</td>
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<td>CPSC 352 or CPSC 484</td>
<td>Plant Genetics or Plant Physiology</td>
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<td>CPSC 498</td>
<td>Crop Sci Professional Develpmt</td>
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<td>NRES 201</td>
<td>Introductory Soils</td>
<td>4</td>
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<td>NRES 488</td>
<td>Soil Fertility and Fertilizers</td>
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<td>PLPA 204</td>
<td>Introductory Plant Pathology</td>
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<tr>
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<td>3-4</td>
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<td>Intro to Animal Sciences</td>
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<tr>
<td>HORT 100</td>
<td>Introduction to Horticulture</td>
<td></td>
</tr>
<tr>
<td>FSHN 101</td>
<td>Intro Food Science &amp; Nutrition</td>
<td></td>
</tr>
<tr>
<td>NRES 102</td>
<td>Introduction to NRES</td>
<td></td>
</tr>
<tr>
<td>TSM 100</td>
<td>Technical Systems in Agr</td>
<td></td>
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<tr>
<td></td>
<td>Select one of the following:</td>
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<tr>
<td>CPSC 418</td>
<td>Crop Growth and Management</td>
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<tr>
<td>HORT 361</td>
<td>Small Fruit Production</td>
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<td>HORT 362</td>
<td>Tree Fruit Production</td>
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<td>Select 12 hours from the following:</td>
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<tr>
<td>CPSC 426</td>
<td>Weed Mgt in Agronomic Crops</td>
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</tr>
<tr>
<td>CPSC 431</td>
<td>Plants and Global Change</td>
<td></td>
</tr>
<tr>
<td>CPSC 473</td>
<td>Mgmt of Field Crop Insects</td>
<td></td>
</tr>
<tr>
<td>CPSC 475</td>
<td>Insect Pathology</td>
<td></td>
</tr>
<tr>
<td>IB 444</td>
<td>Insect Ecology</td>
<td></td>
</tr>
<tr>
<td>IB 468</td>
<td>Insect Classification and Evol</td>
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<td>IB 482</td>
<td>Insect Pest Management</td>
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<td>PLPA 401</td>
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<td>PLPA 402</td>
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<td>PLPA 406</td>
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<tr>
<td>PLPA 403</td>
<td>Advanced Plant Pathology</td>
<td></td>
</tr>
<tr>
<td>PLPA 407</td>
<td>Diseases of Field Crops</td>
<td></td>
</tr>
<tr>
<td>TSM 465</td>
<td>Chemical Applications Systems</td>
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</tbody>
</table>

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

**Program Reviewer Comments**


Key: 765
10KL0031BS: CROP SCIENCES: AGROECOLOGY, BS

In Workflow
1. U Program Review (dforgacs@illinois.edu)
2. 1802 Head (asdavis1@illinois.edu)
3. KL Committee Chair (acyann@illinois.edu)
4. KL Dean (aball@illinois.edu)
5. University Librarian (jpwilkin@illinois.edu)
6. Provost (kmartens@illinois.edu)
7. Senate EPC (bjlehman@illinois.edu)
8. Senate (jtempel@illinois.edu)
9. U Senate Conf (none)
10. Board of Trustees (none)
11. IBHE (none)
12. DMI (eastuby@illinois.edu; aledward@illinois.edu)

Approval Path
1. Tue, 30 Jul 2019 16:43:55 GMT
   Deb Forgacs (dforgacs): Approved for U Program Review
2. Tue, 30 Jul 2019 16:59:10 GMT
   Adam Davis (asdavis1): Approved for 1802 Head
3. Tue, 30 Jul 2019 18:30:47 GMT
   Brianna Gregg (bgray2): Approved for KL Committee Chair
4. Tue, 30 Jul 2019 19:40:32 GMT
   David Rosch (dmrosch): Approved for KL Dean
5. Tue, 30 Jul 2019 19:48:01 GMT
   John Wilkin (jpwilkin): Approved for University Librarian
   Kathy Martensen (kmartens): Approved for Provost

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

Date Submitted: Tue, 30 Jul 2019 16:41:42 GMT

Viewing: 10KL0031BS : Crop Sciences: Agroecology, BS
Changes proposed by: Scott Bartlett

Proposal Type

This proposal is for a:

Revision

Proposal Title

Administrative approval: Update Crop Sciences concentrations to remove deactivated courses and to add newly created course.

Official Program Name

Crop Sciences: Agroecology, BS
Banner/Codebook Name
BS:Crop Sci- Agroecology -UIUC

Program Code:
10KL0031BS

Major Code
0030

Conc Code
0031

Degree Code
BS

Effective Catalog Term
Fall 2020

Sponsor College
Agr, Consumer, & Env Sciences

Sponsor Department
Crop Sciences

Sponsor Name
Scott Bartlett

Sponsor Email
sbartlet@illinois.edu

College Contact
Brianna Gregg

College Contact Email
bjgray2@illinois.edu

Academic Level
Undergraduate
Program Description and Justification

Justification for proposal change:
Crop Sciences has deactivated PLPA 401, 402, 404, and 406. These courses are now consolidated into one new course, PLPA 403.

Is This a Teacher Certification Program?
No

Will specialized accreditation be sought for this program?
No

Enrollment

Describe how this revision will impact enrollment and degrees awarded.
NA

Estimated Annual Number of Degrees Awarded

Delivery Method

What is the program's primary delivery method?
Face-to-Face

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

Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?
No
Technology

Will the program need additional technology beyond what is currently available for the unit?
No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?
No

Resources

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.
NA

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.
NA

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?
No

Does this new program/proposed change result in the replacement of another program?
No

Does the program include any required or recommended subjects that are offered by other departments?
No
Financial Resources

Will the unit need to seek campus or other external resources?
No

Will an existing tuition rate be used or continue to be used for this program?
Yes

Program Regulation

Is the career/profession for graduates of this program regulated by the State of Illinois?
No

Program of Study

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

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

Statement for Programs of Study Catalog

Agroecology Concentration Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Natural Sciences and Technology</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 102</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 103</td>
<td>and General Chemistry Lab I</td>
<td></td>
</tr>
<tr>
<td>CHEM 104</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>&amp; CHEM 105</td>
<td>and General Chemistry Lab II</td>
<td></td>
</tr>
<tr>
<td>CHEM 232</td>
<td>Elementary Organic Chemistry I</td>
<td>3-4</td>
</tr>
<tr>
<td>or CPSC 382</td>
<td>Organic Chem of Biol Processes</td>
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</tr>
<tr>
<td>IB 103</td>
<td>Introduction to Plant Biology</td>
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</tr>
<tr>
<td>IB 150</td>
<td>Organismal &amp; Evolutionary Biol</td>
<td>4</td>
</tr>
<tr>
<td>IB 203</td>
<td>Ecology</td>
<td>4</td>
</tr>
<tr>
<td>MCB 150</td>
<td>Molec &amp; Cellular Basis of Life</td>
<td>4</td>
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<tr>
<td>Select one of the following:</td>
<td></td>
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</tr>
<tr>
<td>MCB 100</td>
<td>Introductory Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>&amp; MCB 101</td>
<td>and Intro Microbiology Laboratory</td>
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</tr>
<tr>
<td>IB 104</td>
<td>Animal Biology</td>
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<td><strong>Agroecology Concentration Required</strong></td>
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<tr>
<td>CPSC 112</td>
<td>Introduction to Crop Sciences</td>
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<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
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<td>CPSC 226</td>
<td>Introduction to Weed Science</td>
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<tr>
<td>CPSC 270</td>
<td>Applied Entomology</td>
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<tr>
<td>CPSC 336</td>
<td>Tomorrow's Environment</td>
<td>3</td>
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<tr>
<td>CPSC 431</td>
<td>Plants and Global Change</td>
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<tr>
<td>CPSC 437</td>
<td>Principles of Agroecology</td>
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<tr>
<td>CPSC 498</td>
<td>Crop Sci Professional Develpmt</td>
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<tr>
<td>NRES 201</td>
<td>Introductory Soils</td>
<td>4</td>
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<tr>
<td>NRES 474</td>
<td>Soil and Water Conservation</td>
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<tr>
<td>or NRES 488</td>
<td>Soil Fertility and Fertilizers</td>
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<tr>
<td>PLPA 204</td>
<td>Introductory Plant Pathology</td>
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</table>

Select one course from three of the following groups: 9-12

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ACE 210</td>
<td>Environmental Economics</td>
</tr>
<tr>
<td>or ACE 310</td>
<td>Natural Resource Economics</td>
</tr>
<tr>
<td>CPSC 412</td>
<td>Principles of Crop Production</td>
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<tr>
<td>or CPSC 414</td>
<td>Forage Crops and Pasture Eco</td>
</tr>
<tr>
<td>or CPSC 415</td>
<td>Bioenergy Crops</td>
</tr>
<tr>
<td>or CPSC 418</td>
<td>Crop Growth and Management</td>
</tr>
<tr>
<td>CPSC 426</td>
<td>Weed Mgt in Agronomic Crops</td>
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<tr>
<td>CPSC 473</td>
<td>Mgmt of Field Crop Insects</td>
</tr>
<tr>
<td>NRES 401</td>
<td>Watershed Hydrology</td>
</tr>
<tr>
<td>or NRES 419</td>
<td>Env and Plant Ecosystems</td>
</tr>
<tr>
<td>or NRES 439</td>
<td>Env and Sustainable Dev</td>
</tr>
<tr>
<td>or NRES 488</td>
<td>Soil Fertility and Fertilizers</td>
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<tr>
<td>PLPA 401</td>
<td>Course PLPA 401 Not Found</td>
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<tr>
<td>or PLPA 402</td>
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<tr>
<td>or PLPA 404</td>
<td>Course PLPA 404 Not Found</td>
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<tr>
<td>or PLPA 405</td>
<td>Plant Disease Diagnosis &amp; Mgmt</td>
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<tr>
<td>or PLPA 406</td>
<td>Course PLPA 406 Not Found</td>
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<tr>
<td>or PLPA 407</td>
<td>Diseases of Field Crops</td>
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<tr>
<td>PLPA 403</td>
<td>Advanced Plant Pathology</td>
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<td>or PLPA 405</td>
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</tr>
<tr>
<td>or PLPA 407</td>
<td>Diseases of Field Crops</td>
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Select one of the following: 3-4

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANSC 100</td>
<td>Intro to Animal Sciences</td>
</tr>
<tr>
<td>FSHN 101</td>
<td>Intro Food Science &amp; Nutrition</td>
</tr>
<tr>
<td>HORT 100</td>
<td>Introduction to Horticulture</td>
</tr>
<tr>
<td>NRES 102</td>
<td>Introduction to NRES</td>
</tr>
<tr>
<td>TSM 100</td>
<td>Technical Systems in Agr</td>
</tr>
</tbody>
</table>

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

Program Reviewer Comments


Key: 639