

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

EP.20.134 Report of Administrative Approvals through March 30, 2020

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 March 30, 2020. Additional information for each approval is attached.

A. Undergraduate Programs

- 1) **EP.20.134: BS in Computer Science and Crop Sciences**— clarify the Academic Catalog Program of Study listing for the program to show the Composition I and Speech requirement can be met through RHET 105 and CMN 101 or CMN 111 and 112. Update the Crop Sciences Core course requirements to accurately reflect the revised credit hours for CPSC 102 (2 hours). There is no change to the total hours required for the degree.
- 2) **EP.20.134: Minor in Crop and Soil Management** – revises the list of courses from which students are to choose three hours to remove specific CPSC and PLPA courses, some of which are not offered on a regular basis, and instead require 3 hours from any CPSC, HORT, or PLPA course (excluding independent study/internship courses under these rubrics). There is no change to the total hours required for the minor.
- 3) **EP.20.134: Minor in Horticulture** – revises the minor’s core requirements from 3-4 hours to 7 hours. In these core requirements, removes HORT 105, Vegetable Gardening (3 hours); HORT 106, The Sustainable Home Garden (3 hours); and HORT 240, Plant Propagation (3 hours), thereby retaining the specific requirements of HORT 100, Introduction to Horticulture (3 hours), and HORT 341, Greenhouse Mngt and Production (4 hours). Revises the minor’s electives list, from which students were to choose a minimum of 12 hours, to requiring a minimum of 11 hours. This list opens from a set of 200-400 level HORT courses to HORT electives, a minimum of 9 from any HORT courses excluding HORT 393, Horticulture Internship, and HORT 395, Undergrad Research or Thesis, with at least 2 additional hours of 300- and/or 400-level HORT courses. There is no change to the total hours required for the minor.
- 4) **EP.20.126: Establish the minor in Critical Film Production** – the College of Media, Department of Media and Cinema Studies, proposes establishment of the minor in Critical Film Production. This minor will train students in core formal, technical, and critical competencies required to produce compelling moving images and sound at a professional level. The minor will cover the cinema production process, emphasizing inclusive collaboration and critically-informed making with students learning about best practices from making video in the context of digital distribution platforms. These production skills are not just an asset for graduates on the job market, but a necessity. The minor requires 21 total hours, including 12 hours of specifically required courses (which include 4 hours of 300-level coursework), 3 hours of foundational study electives, 6 hours of film history, theory, and criticism courses, with at least one of these at the 300-level or above.
- 5) **EP.20.136: Revise the BS in Agricultural Leadership, Education, and Communications (ALEC), Advertising Concentration** -- in the list of concentration requirements from which students are to select

three courses, remove AGCM 220, Communicating Agriculture (3 hours) because this course is now a major requirement across concentrations in the BS in ALEC. In this same list, update the Communications Internship course to reflect the new rubric (revise from AGCM 293 to ALEC 293). There are no changes to the total hours required for the concentration or for the major.

- 6) **EP.20.137: Revise the BS in Agricultural Leadership, Education, and Communications (ALEC), Journalism Concentration** -- in the list of concentration requirements from which students are to select three courses, remove AGCM 220, Communicating Agriculture (3 hours) because this course is now a major requirement across concentrations in the BS in ALEC. In this same list, update the Communications Internship course to reflect the new rubric (revise from AGCM 293 to ALEC 293). There are no changes to the total hours required for the concentration or for the major.
- 7) **EP.20.127: Revise the Art Undeclared requirements** -- revise the first-year curriculum/foundations requirements for all undergraduate programs in the School of Art and Design. The 2D Category, from which students are to select one course (3 hours) is revised to remove ARTD 160, Image World (3 hours) and add ARTS 221, Fashion Illustration (3 hours) and ARTS 264, Basic Photography (3 hours). There is no change to the total hours required in the first-year curriculum/foundation requirements nor any change to the total hours required in any of the impacted undergraduate programs.

B. Graduate Programs

- 1) **EP.20.140: Concentration in Advanced Analytics** – add Financial Engineering, MS, as a program available with this floating concentration. This addition would make the list of programs available for this concentration: Industrial Engineering, MS (on campus and online) and Financial Engineering, MS.
- 2) **EP.20.145: Taxation Concentration** – add the Master of Science in Accountancy as a program available with this concentration. This addition would make the list of programs available for this concentration: Accountancy, MAS and Accountancy, MS (on campus and online).

10KL5623BS: COMPUTER SCIENCE + CROP SCIENCES, BS

In Workflow

1. U Program Review (dforgacs@illinois.edu; eastuby@illinois.edu; aledward@illinois.edu)
2. 1802 Committee Chair (arrayburn@illinois.edu)
3. 1802 Head (asdavis1@illinois.edu)
4. 1434 Head (namato@illinois.edu; vmahesh@illinois.edu; egunter@illinois.edu)
5. KP Committee Chair (mch@illinois.edu; bsnewell@illinois.edu; danko@illinois.edu; amccul2@illinois.edu; kcp@illinois.edu)
6. KP Dean (candyd@illinois.edu)
7. KL Committee Chair (acyann@illinois.edu)
8. KL Dean (aball@illinois.edu)
9. University Librarian (jpwilkin@illinois.edu)
10. Provost (kmartens@illinois.edu)
11. Senate EPC (bjlehman@illinois.edu)
12. Senate (jtempel@illinois.edu)
13. U Senate Conf (none)
14. Board of Trustees (none)
15. IBHE (none)
16. DMI (eastuby@illinois.edu; aledward@illinois.edu; dforgacs@illinois.edu)

Approval Path

1. Thu, 06 Feb 2020 17:44:48 GMT
Deb Forgacs (dforgacs): Approved for U Program Review
2. Mon, 10 Feb 2020 17:44:04 GMT
Lane Rayburn (arrayburn): Approved for 1802 Committee Chair
3. Mon, 10 Feb 2020 19:20:29 GMT
Adam Davis (asdavis1): Approved for 1802 Head
4. Tue, 11 Feb 2020 02:37:00 GMT
Elsa Gunter (egunter): Approved for 1434 Head
5. Tue, 25 Feb 2020 20:12:46 GMT
Brooke Newell (bsnewell): Approved for KP Committee Chair
6. Thu, 27 Feb 2020 13:50:16 GMT
Candy Deaville (candyd): Approved for KP Dean
7. Thu, 27 Feb 2020 23:01:07 GMT
Anthony Yannarell (acyann): Approved for KL Committee Chair
8. Fri, 28 Feb 2020 18:20:30 GMT
Anna Ball (aball): Approved for KL Dean
9. Fri, 28 Feb 2020 18:38:10 GMT
John Wilkin (jpwilkin): Approved for University Librarian
10. Tue, 03 Mar 2020 21:24:34 GMT
Kathy Martensen (kmartens): Approved for Provost

History

1. Mar 22, 2019 by Deb Forgacs (dforgacs)
2. Apr 10, 2019 by Deb Forgacs (dforgacs)
3. Dec 6, 2019 by Scott Bartlett (sbartlett)
4. Feb 3, 2020 by Deb Forgacs (dforgacs)

Date Submitted: Thu, 06 Feb 2020 17:06:47 GMT

Viewing: 10KL5623BS : Computer Science + Crop Sciences, BS

Changes proposed by: Scott Bartlett

Proposal Type

Proposal Type:

Major (ex. Special Education)

This proposal is for a:

Revision

Proposal Title:

if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions*

Administrative approval: Adding an alternative option to the Composition I and Speech gen ed requirement. Updating the credit hours for a revised required course.

EP Control Number

EP.20.134

Official Program Name

Computer Science + Crop Sciences, BS

Effective Catalog Term

Fall 2020

Sponsor College

Agr, Consumer, & Env Sciences

Sponsor Department

Crop Sciences

Sponsor Name

Dr. A. Lane Rayburn & Dr. Christopher Harbourt

Sponsor Email

arayburn@illinois.edu & harbourt@illinois.edu

College Contact

Brianna Gregg

College Contact Email

bjgray2@illinois.edu

Program Description and Justification

Justification for proposal change:

Adding CMN 111 & CMN 112 as an alternative option to the RHET 105 & CMN 101 Composition I and Speech gen ed requirement (we have always accepted CMN 111 & CMN 112 as a substitute for RHET 105 & CMN 101 -- we added it to make it clear to students that this is possible). Updating the credit hours for a recently approved course revision (CPSC 102).

Corresponding Degree

BS Bachelor of Science

Is this program interdisciplinary?

Yes

Interdisciplinary Colleges and Departments (list other colleges/departments which are involved other than the sponsor chose above)

administrative update.

College

Grainger College of Engineering

Department

Computer Science

Do you need to add an additional interdisciplinary relationship?

No

Academic Level

Undergraduate

CIP Code

110199 - Computer and Information Sciences, Other.

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Admission Requirements

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

No

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

There will be no impact.

Estimated Annual Number of Degrees Awarded

What is the matriculation term for this program?

Fall

Delivery Method

Is this program available on campus and online?

No

This program is available:

On Campus

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.

None (no changes with these minor revisions).

Library Resources

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

We expect the impact on the University Library to remain at the same level.

Instructional Resources

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

No

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

No

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

Yes

Explain how the inclusion or removal of the courses/subjects listed above impacts the offering departments.

None (no changes with these minor revisions).

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 and Assessment

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.

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

CS+CPSC Side by Side (2-6-20).xlsx

Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chosed-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

Code	Title	Hours
Composition I and Speech		6-7
RHET 105 & CMN 101	Writing and Research and Public Speaking	
OR		
CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II	

Advanced Composition			
Select from campus-approved list.			3-4
Cultural Studies			
Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.			9
Foreign Language			
Coursework at or above the third level is required for graduation.			0-15
Quantitative Reasoning I			
See Mathematical Foundations for specific requirement.			3
Quantitative Reasoning II			
See Mathematical Foundations for specific requirement.			3
Natural Sciences and Technology			
See Crop Sciences Core for specific requirement.			6
Humanities and the Arts			
Select from campus-approved list.			6
Social and Behavioral Sciences			
Select from campus-approved list.			6
ACES Required			
ACES 101	Contemporary Issues in ACES		2
Computer Science Core			22
CS 100	Freshman Orientation (recommended)		1
CS 125	Intro to Computer Science		4
CS 126	Software Design Studio		3
CS 173	Discrete Structures		3
CS 225	Data Structures		4
CS 374	Introduction to Algorithms & Models of Computation		4
CS 421	Programming Languages & Compilers		3
Computer Science Technical Track			8-11
Choose from the following options:			
CS 233 & CS 241	Computer Architecture and System Programming		
OR			
CS 240	Introduction to Computer Systems		
& Two CS 4XX	Any two (2) 400-level CS courses except CS 491		
Mathematical Foundations (fulfills Quantitative Reasoning I and II)			12-13
CS 361	Probability & Statistics for Computer Science		3
MATH 220 or MATH 221	Calculus Calculus I		4-5
MATH 225	Introductory Matrix Theory		2
MATH 231	Calculus II		3
Crop Sciences Core			16
CPSC 102	Foundational Skills in Crop Sciences		2
CPSC 112	Introduction to Crop Sciences		4
CPSC 393 or CPSC 395	Crop Sciences Internship Undergrad Research or Thesis		3
CPSC 498	Crop Sci Professional Developmnt		1
Select two of the following:			
CPSC 226	Introduction to Weed Science		
CPSC 270	Applied Entomology		
PLPA 204	Introductory Plant Pathology		
Foundational Data Analytics			6-8
CPSC 440	Applied Statistical Methods I		4

And select one of the following:

CPSC 441	Introduction to R Programming	
CPSC 444	Introduction to Spatial Analytics	
Crop Sciences Electives		6
CPSC/HORT/PLPA 4XX	At least one (1) 400-level CPSC/HORT/PLPA course	
CPSC/HORT/PLPA XXX	Any CPSC/HORT/PLPA course except CPSC 241	
Total Hours		126

EP Documentation

DMI Documentation

Banner/Codebook Name

BS: Comp Sci & Crop Sci - UIUC

Program Code:

10KL5623BS

Degree Code

BS

Major Code

5623

Program Reviewer Comments

Kathy Martensen (kmartens) (Tue, 03 Mar 2020 21:20:45 GMT):Administrative approval: No change to total hours required for degree, transparency in Catalog program of study listing.

Key: 79

Revised Requirements	Revised Hours	Revised Requirements	Revised Hours
Composition I and Speech	6-7	Composition I and Speech	6-7
RHET 105: Writing and Research	4	RHET 105: Writing and Research	4
& CMN 101: Public Speaking	3	& CMN 101: Public Speaking	3
		OR	
		CMN 111: Oral & Written Comm I	3
		& CMN 112: Oral & Written Comm II	3
Advanced Composition	3-4	Advanced Composition	3-4
Select from campus-approved list.		Select from campus-approved list.	
Cultural Studies	9	Cultural Studies	9
Select one course from Western culture, one from non-Western		Select one course from Western culture, one from non-Western	
culture, and one from U.S. minority culture from campus approved		culture, and one from U.S. minority culture from campus approved	
lists.		lists.	
Foreign Language	0-15	Foreign Language	0-15
Coursework at or above the third level is required for graduation.		Coursework at or above the third level is required for graduation.	
Quantitative Reasoning I	3	Quantitative Reasoning I	3
See Mathematical Foundations for specific requirement.		See Mathematical Foundations for specific requirement.	
Quantitative Reasoning II	3	Quantitative Reasoning II	3
See Mathematical Foundations for specific requirement.		See Mathematical Foundations for specific requirement.	
Natural Sciences and Technology	6	Natural Sciences and Technology	6
See Crop Sciences Core for specific requirement.		See Crop Sciences Core for specific requirement.	
Humanities and the Arts	6	Humanities and the Arts	6
Select from campus-approved list.		Select from campus-approved list.	
Social and Behavioral Sciences	6	Social and Behavioral Sciences	6
Select from campus-approved list.		Select from campus-approved list.	
ACES Required	2	ACES Required	2
ACES 101: Contemporary Issues in ACES	2	ACES 101: Contemporary Issues in ACES	2
Computer Science Core	22	Computer Science Core	22
CS 100: Freshman Orientation (recommended)	1	CS 100: Freshman Orientation (recommended)	1
CS 125: Intro to Computer Science	4	CS 125: Intro to Computer Science	4
CS 126: Software Design Studio	4	CS 126: Software Design Studio	4
CS 173: Discrete Structures	3	CS 173: Discrete Structures	3
CS 225: Data Structures	4	CS 225: Data Structures	4
CS 374: Introduction to Algorithms and Models of Computation	4	CS 374: Introduction to Algorithms and Models of Computation	4
CS 421: Programming Languages and Compilers	3	CS 421: Programming Languages and Compilers	3
Computer Science Technical Track	8 to 11	Computer Science Technical Track	8 to 11
CS 233: Computer Architecture	4	CS 233: Computer Architecture	4
AND CS 241: Systems Programming	4	AND CS 241: Systems Programming	4
OR CS 240: Introduction to Computer Systems	3	OR CS 240: Introduction to Computer Systems	3
AND Any two (2) 400-level CS courses except CS 491	6 to 8	AND Any two (2) 400-level CS courses except CS 491	6 to 8
Mathematical Foundations	12 to 13	Mathematical Foundations	12 to 13
CS 361: Probability and Statistics for Computer Science	3	CS 361: Probability and Statistics for Computer Science	3
MATH 220: Calculus	5	MATH 220: Calculus	5
OR MATH 221: Calculus I	4	OR MATH 221: Calculus I	4
MATH 225: Introductory Matrix Theory	2	MATH 225: Introductory Matrix Theory	2
MATH 231: Calculus II	3	MATH 231: Calculus II	3
Crop Sciences Core	15	Crop Sciences Core	16
CPSC 102: Research in Crop Sciences	1	CPSC 102: Foundational Skills in Crop Sciences	2
CPSC 112: Introduction to Crop Sciences	4	CPSC 112: Introduction to Crop Sciences	4

CPSC 393: Off-CampusCrop Sci Internship or CPSC 395: Undergrad Research or Thesis	3		CPSC 393: Off-CampusCrop Sci Internship or CPSC 395: Undergrad Research or Thesis
CPSC 498: Crop Sci Professional Development	1		CPSC 498: Crop Sci Professional Development
Select two of the following:	6		Select two of the following:
CPSC 226: Introduction to Weed Science	3		CPSC 226: Introduction to Weed Science
CPSC 270: Applied Entomology	3		CPSC 270: Applied Entomology
PLPA 204: Introductory Plant Pathology	3		PLPA 204: Introductory Plant Pathology
Foundational Data Analytics	6 to 8		Foundational Data Analytics
CPSC 440: Applied Statistical Methods I	4		CPSC 440: Applied Statistical Methods I
Select one of the following:			Select one of the following:
CPSC 441: Introduction to R Programming	2		CPSC 441: Introduction to R Programming
CPSC 444: Spatial Statistics	4		CPSC 444: Spatial Statistics
Crop Science Electives	6		Crop Science Electives
CPSC/HORT/PLPA 4XX - At least one (1) 400-level CPSC/HORT/PLPA course			CPSC/HORT/PLPA 4XX - At least one (1) 400-level CPSC/HORT/PLPA course
CPSC/HORT/PLPA XXX - Any CPSC/HORT/PLPA course except CPSC 241			CPSC/HORT/PLPA XXX - Any CPSC/HORT/PLPA course except CPSC 241

4032: CROP AND SOIL MANAGEMENT MINOR

In Workflow

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

Approval Path

1. Tue, 04 Feb 2020 19:43:34 GMT
Deb Forgacs (dforgacs): Approved for U Program Review
2. Tue, 04 Feb 2020 20:42:08 GMT
Lane Rayburn (arrayburn): Approved for 1802 Committee Chair
3. Tue, 04 Feb 2020 22:33:44 GMT
Adam Davis (asdavis1): Approved for 1802 Head
4. Tue, 03 Mar 2020 20:28:08 GMT
Anthony Yannarell (acyann): Approved for KL Committee Chair
5. Tue, 03 Mar 2020 21:14:10 GMT
Anna Ball (aball): Approved for KL Dean
6. Tue, 03 Mar 2020 21:18:43 GMT
John Wilkin (jpwilkin): Approved for University Librarian
7. Wed, 04 Mar 2020 20:04:00 GMT
Kathy Martensen (kmartens): Approved for Provost

Date Submitted: Tue, 04 Feb 2020 18:27:31 GMT

Viewing: 4032 : Crop and Soil Management Minor

Changes proposed by: Scott Bartlett

Proposal Type

Proposal Type:

Minor (ex. European Union Studies)

This proposal is for a:

Revision

Proposal Title:

if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions*

Administrative approval: A proposal to update the Crop and Soil Management minor in the Department of Crop Science by removing courses that are not regularly offered and adding flexibility to elective options.

EP Control Number

EP.20.134

Official Program Name

Crop and Soil Management Minor

Effective Catalog Term

Fall 2020

Sponsor College

Agr, Consumer, & Env Sciences

Sponsor Department

Crop Sciences

Sponsor Name

Dr. A. Lane Rayburn, Professor & Director of Undergraduate & Online Certificate Programs

Sponsor Email

arayburn@illinois.edu

College Contact

Brianna Gregg

College Contact Email

bjgray2@illinois.edu

Program Description and Justification

Justification for proposal change:

We are revising the minor because as originally written, it listed specific courses to choose from. Over the years, due to changes in faculty, courses have been modified, cancelled, or not offered. This has made the minor as written impossible to complete. This revision will allow for more flexibility for now and in the future for those students wanting to minor in Crop and Soil Management.

Is this program interdisciplinary?

No

Is this minor?

An interdisciplinary study focusing on a single theme

Academic Level

Undergraduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Enrollment

Will the department limit enrollment to the minor?

No

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

No limit on admission to the minor. Students must obtain approval from the departmental academic advisor to add the minor.

Are there any prerequisites for the proposed minor?

No

Describe how this revision will impact enrollment and degrees awarded.

We hope enrollment will increase in our minor due to more flexibility.

Delivery Method

Is this program available on campus and online?

No

This program is available:

On Campus

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

No

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

Library Resources

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

This revision will have no impact on the Library.

Instructional Resources

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

No

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

No

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

No

Financial Resources

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

No

Program Regulation and Assessment

Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).

All subject areas/courses in the minor have been selected because they specifically address the learning objectives of the proposed minor. We therefore intend to use student performance in these courses as benchmarks to ensure that students have achieved these educational goals. All courses in Crop Sciences regularly undergo peer-review assessments, and we will continue this practice for all courses in the minor.

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.

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

Yes

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

Crop and Soil Management Side by Side (2-14-20).xlsx

Attach a side-by-side comparison with the existing program AND, if the revision references or adds “chosed-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

Code	Title	Hours
Crop and Soil Management Minor Required Courses		
CPSC 112	Introduction to Crop Sciences	4
CPSC 418	Crop Growth and Management	3
NRES 201	Introductory Soils	4
NRES 488	Soil Fertility and Fertilizers	3
Select one of the following:		3-4
CPSC 116	The Global Food Production Web	
CPSC 226	Introduction to Weed Science	
CPSC 261	Biotechnology in Agriculture	
CPSC 270	Applied Entomology	
CPSC 352	Plant Genetics	
CPSC 412	Principles of Crop Production	
CPSC 414	Forage Crops & Pasture Ecology	
CPSC 415	Bioenergy Crops	
CPSC 437	Principles of Agroecology	
CPSC 453	Principles of Plant Breeding	
PLPA 200	Plants, Pathogens, and People	
PLPA 204	Introductory Plant Pathology	
Select one of the following:		3-4
CPSC 116	The Global Food Production Web	
CPSC 226	Introduction to Weed Science	
CPSC 261	Biotechnology in Agriculture	
CPSC 270	Applied Entomology	
CPSC 352	Plant Genetics	
CPSC 412	Principles of Crop Production	
CPSC 414	Forage Crops & Pasture Ecology	
CPSC 415	Bioenergy Crops	
CPSC 437	Principles of Agroecology	
CPSC 453	Principles of Plant Breeding	
PLPA 200	Plants, Pathogens, and People	
PLPA 204	Introductory Plant Pathology	
Select one course from the following:		3
NRES 438	Soil Nutrient Cycling	
NRES 471	Pedology	

NRES 474	Soil and Water Conservation	
NRES 475	Environmental Microbiology	
Select 3 hours from any CPSC, HORT, or PLPA course (excluding CPSC 393/HORT 393&CPSC 395/HORT 395/PLPA 395).		3
Total Hours		20

EP Documentation

DMI Documentation

Banner/Codebook Name

Crop and Soil Management

Program Code:

4032

Minor Code

4032

Program Reviewer Comments

Kathy Martensen (kmartens) (Wed, 04 Mar 2020 19:59:54 GMT):Administrative approval: No change to total hours required, increases flexibility.

Key: 78

CURRENT REQUIREMENTS	CURRENT HOURS	REVISED REQUIREMENTS	REVISED HOURS
Crop and Soil Management Minor Required Courses	14		14
CPSC 112: Introduction to Crop Sciences	4	CPSC 112: Introduction to Crop Sciences	4
CPSC 418: Crop Growth and Management	3	CPSC 418: Crop Growth and Management	3
NRES 201: Introductory Soils	4	NRES 201: Introductory Soils	4
NRES 488: Soil Fertility and Fertilizers	3	NRES 488: Soil Fertility and Fertilizers	3
Select one of the following:	3-4		
CPSC 116: The Global Food Production Web			
CPSC 226: Introduction to Weed Science			
CPSC 261: Biotechnology in Agriculture			
CPSC 270: Applied Entomology			
CPSC 352: Plant Genetics			
CPSC 412: Principles of Crop Production			
CPSC 414: Forage Crops & Pasture Ecology			
CPSC 415: Bioenergy Crops			
CPSC 437: Principles of Agroecology			
CPSC 453: Principles of Plant Breeding			
PLPA 200: Plants, Pathogens, and People			
PLPA 204: Introductory Plant Pathology			
Select one of the following:	3-4		
CPSC 116: The Global Food Production Web			
CPSC 226: Introduction to Weed Science			
CPSC 261: Biotechnology in Agriculture			
CPSC 270: Applied Entomology			
CPSC 352: Plant Genetics			
CPSC 412: Principles of Crop Production			
CPSC 414: Forage Crops & Pasture Ecology			
CPSC 415: Bioenergy Crops			
CPSC 437: Principles of Agroecology			
CPSC 453: Principles of Plant Breeding			
PLPA 200: Plants, Pathogens, and People			
PLPA 204: Introductory Plant Pathology			
		Select one course from the following:	3
NRES 438: Soil Nutrient Cycling		NRES 438: Soil Nutrient Cycling	
NRES 471: Pedology		NRES 471: Pedology	
NRES 474: Soil and Water Conservation		NRES 474: Soil and Water Conservation	
NRES 475: Environmental Microbiology		NRES 475: Environmental Microbiology	
		Select 3 hours from any CPSC, HORT, or PLPA course (excluding CPSC 393/HORT 393 & CPSC 395/HORT 395/PLPA 395).	3
TOTAL HOURS	20-22	TOTAL HOURS	20
RED = DELETE		GREEN = ADD	

0063: HORTICULTURE MINOR

In Workflow

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

Approval Path

1. Wed, 11 Mar 2020 19:04:06 GMT
Deb Forgacs (dforgacs): Approved for U Program Review
2. Tue, 17 Mar 2020 18:16:07 GMT
Lane Rayburn (arrayburn): Approved for 1802 Committee Chair
3. Tue, 17 Mar 2020 18:34:18 GMT
Adam Davis (asdavis1): Approved for 1802 Head
4. Wed, 18 Mar 2020 20:54:09 GMT
Anthony Yannarell (acyann): Approved for KL Committee Chair
5. Wed, 18 Mar 2020 20:57:34 GMT
Anna Ball (aball): Approved for KL Dean
6. Wed, 18 Mar 2020 21:01:03 GMT
John Wilkin (jpwilkin): Approved for University Librarian
7. Thu, 19 Mar 2020 14:47:29 GMT
Kathy Martensen (kmartens): Approved for Provost

Date Submitted: Wed, 11 Mar 2020 19:01:06 GMT

Viewing: 0063 : Horticulture Minor

Changes proposed by: Scott Bartlett

Proposal Type

Proposal Type:

Minor (ex. European Union Studies)

This proposal is for a:

Revision

Proposal Title:

if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions*

Administrative approval: A proposal to update the Horticulture minor in the Department of Crop Sciences, by removing courses that are not regularly offered and adding flexibility to elective options.

EP Control Number

EP.20.134

Official Program Name

Horticulture Minor

Effective Catalog Term

Fall 2020

Sponsor College

Agr, Consumer, & Env Sciences

Sponsor Department

Crop Sciences

Sponsor Name

Dr. A. Lane Rayburn, Professor & Director of Undergraduate & Online Certificate Programs

Sponsor Email

arayburn@illinois.edu

College Contact

Brianna Gregg

College Contact Email

bjgray2@illinois.edu

Program Description and Justification

Justification for proposal change:

We are revising the minor because as originally written, it listed specific courses to choose from. Over the years, due to changes in faculty, courses have been modified, cancelled, or not offered. This has made the minor as written impossible to complete. This revision will allow for more flexibility for now and in the future for those students wanting to minor in Horticulture.

Is this program interdisciplinary?

No

Is this minor?

A Comprehensive study in a single discipline

Academic Level

Undergraduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Enrollment

Will the department limit enrollment to the minor?

No

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

No limit on admission to the minor. Students must obtain approval from the departmental academic advisor to add the minor.

Are there any prerequisites for the proposed minor?

No

Describe how this revision will impact enrollment and degrees awarded.

We hope enrollment will increase in our minor due to more flexibility.

Delivery Method

Is this program available on campus and online?

No

This program is available:

On Campus

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

No

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

Library Resources

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

This revision will have no impact on the Library.

Instructional Resources

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

No

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

No

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

No

Financial Resources

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

No

Program Regulation and Assessment

Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).

All subject areas/courses in the minor have been selected because they specifically address the learning objectives of the proposed minor. We therefore intend to use student performance in these courses as benchmarks to ensure that students have achieved these educational goals. All courses in Crop Sciences regularly undergo peer-review assessments, and we will continue this practice for all courses in the minor.

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.

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

Yes

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

Horticulture Side by Side (3-11-20).xlsx

Attach a side-by-side comparison with the existing program AND, if the revision references or adds “chosed-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

Code	Title	Hours
Horticulture Minor Required Courses		
Select one of the following:		3-4
Core Requirements		7
HORT 100	Introduction to Horticulture	
HORT 105	Vegetable Gardening	
HORT 106	The Sustainable Home Garden	
HORT 240 or HORT 341	Plant Propagation Greenhouse Mgmt and Production	3-4
Select a minimum of 12 hours from the following:		12
HORT 240	Plant Propagation ^{If not used above}	
HORT 261	Biotechnology in Agriculture	
HORT 301	Woody Landscape Plants	
HORT 341	Greenhouse Mgmt and Production	
HORT 344	Planting for Biodiversity and Aesthetics	
HORT 360	Vegetable Crop Production	
HORT 361	Small Fruit Production	
HORT 362	Tree Fruit Production	
HORT 363	Postharvest Handling Hort Crop	
HORT 421	Horticultural Physiology	
HORT 434	Designing Urban Agriculture	
HORT 435	Urban Food Production	
HORT 442	Plant Nutrition	
HORT 475	Permaculture & Agroforestry	
HORT Electives		11
At least 2 additional hours of HORT 3XX-4XX. ¹		
Select a minimum of 9 hours from any HORT courses (excluding HORT 393 and HORT 395).		
Total Hours		18

¹ At least six hours of coursework for the minor should be advanced (300-level or 400-level courses) and must be distinct from credit earned for the student's major or another minor.

EP Documentation

DMI Documentation

Banner/Codebook Name

Horticulture

Program Code:

0063

Minor Code

0063

Program Reviewer Comments

Lane Rayburn (arrayburn) (Tue, 04 Feb 2020 20:28:22 GMT):Rollback: minor edits

Deb Forgacs (dforgacs) (Tue, 04 Feb 2020 20:33:06 GMT):Rollback: request

Kathy Martensen (kmartens) (Wed, 04 Mar 2020 19:59:03 GMT):Rollback: Requirements need to provide either specific courses or guidance that leads students to meet the university requirement of a min. of 6 hours of 300- and/or 400-level courses distinct from their major or other minors. Thanks! – Kathy

Anna Ball (aball) (Wed, 11 Mar 2020 15:16:10 GMT):Rollback: Per suggestions

Kathy Martensen (kmartens) (Thu, 19 Mar 2020 14:35:40 GMT):Administrative approval: No change to total hours required, increased options for students.

Key: 80

CURRENT REQUIREMENTS	CURRENT HOURS	REVISED REQUIREMENTS	REVISED HOURS
Horticulture Minor Required Courses			
Select one of the following:	3-4		
		Core Requirements	7
HORT 100: Introduction to Horticulture		HORT 100: Introduction to Horticulture	
HORT 105: Vegetable Gardening			
HORT 106: The Sustainable Home Garden			
HORT 240: Plant Propagation			
or HORT 341: Greenhouse Mgmt and Production		HORT 341: Greenhouse Mgmt and Production	
Select a minimum of 12 hours from the following:			
HORT 240: Plant Propagation (If not used above)			
HORT 261: Biotechnology in Agriculture			
HORT 301: Woody Landscape Plants			
HORT 341: Greenhouse Mgmt and Production (If not used above)			
HORT 344: Planting for Biodiversity and Aesthetics			
HORT 360: Vegetable Crop Production			
HORT 361: Small Fruit Production			
HORT 362: Tree Fruit Production			
HORT 363: Postharvest Handling Hort Crop			
HORT 421: Horticultural Physiology			
HORT 434: Designing Urban Agriculture			
HORT 435: Urban Food Production			
HORT 442: Plant Nutrition			
HORT 475: Premaculture & Agroforestry			
		HORT Electives	11
		At least 2 additional hours of HORT 3XX-4XX. 1	
		Select a minimum of 9 hours from any HORT courses (excluding HORT 393 and HORT 395).	
TOTAL HOURS	18-20	TOTAL HOURS	18
		1 At least six hours of coursework for the minor should be advanced (300-level or 400-level courses) and must be distinct from credit earned for the student's major or another minor.	
RED = DELETE		GREEN = ADD	