

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

EP.26.020 Report of Administrative Approvals Through October 13, 2025

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

Section 1. This Section Approved by EP on September 22, 2025

A. Graduate Programs

1. **Revise the Concentration in Digital Learning in the College of Education and the Graduate College (key 837)** – replaces CI 439 with CI 553 due to renumbering and adds 5 new courses in the select from list (CI 424, CI 479, CI 489, CI 511, CI 545).
2. **Revise the Master of Music Education in Music Education in the College of Fine and Applied Arts and the Graduate College (key 396)** – updates the capstone option to require 4 hours due to credit hour change in MUS 569; reduces the Music Education Elective credits from 6-8 hours to just 6 hours to maintain overall 32 credit hour program; and removes COTE department/College of Education from inter-departmental administration.
3. **Revise the Professional Science Masters in the Master of Science in Bioprocessing & Bioenergy in the College of Agricultural, Consumer and Environmental Sciences and the Graduate College (key 592)** – replaces TSM 486 with ETMA 486 due to rubric change; adds the PSM concentration requirements to the Program of Study table; removes ABE 594 and adds ABE 502; and adjusts credit hours in the 'courses in the area of specialty' requirement from 29 hours to 28 hours.
4. **Revise the Concentration in Analytics in the Master of Science in Statistics in the College of Liberal Arts and Sciences and the Graduate College (key 781)** – changes STAT 510 requirement to select one of STAT 510 or STAT 511; moves STAT 440 and STAT 448 from required to a list of computing-focused courses allowing students to choose three courses from a list of seven; adjusts listing of STAT 410 or waiver requirement; adds newly approved STAT 441 Practice of Applied Statistics as an option for the requirement Select one of STAT 427, STAT 593, STAT 443; removes MATH 464 crosslist listing; groups courses and adds headers "Mathematical Statistics", "Foundational Applied Statistics", "Statistical Computing", "Advanced Analytics", "Experiential Learning"; and changes Total Hours from "36 - 40" to "36 or 40" in the Program of Study table.
5. **Revise the Graduate Minor in Statistics in the College of Liberal Arts and Sciences and the Graduate College (key 57)** – lists the approved courses in the Program of Study table; states that at least 8 hours must be at the 500 level; and removes the MS Director as contact.

B. Undergraduate Programs

None.

Section 2. This Section Approved by EP on October 6, 2025

A. Graduate Programs

1. **Revise the Master of Science in Agricultural and Applied Economics in the College of Agricultural, Consumer & Environmental Sciences and the Graduate College (key 19)** – removes ACE 566, ACE 592 ME, and ECON 500; and revises the text for the '6 hours in quantitative and research methods' requirement to remove the reference to 'departmental list' and instead include 'selected in consultation with an advisor' for the thesis option.

B. Undergraduate Programs

None.

Date Submitted: 05/01/25 11:14 am

Viewing: **5867 : Digital Learning - Floating (on campus & online)**

Last approved: 10/17/23 11:45 am

Last edit: 09/23/25 9:10 am

Changes proposed by: Emma Mercier

Catalog Pages Using Digital Learning Concentration
this Program

Proposal Type:
Concentration (ex. Dietetics)

This proposal is for
a:
Revision

In Workflow

- 1. U Program Review
- 2. 1613-CUR&I
Committee Chair
- 3. 1613-CUR&I Head
- 4. KN Committee
Chair
- 5. KN Dean
- 6. University Librarian
- 7. Grad_College
- 8. COTE Programs
- 9. Provost
- 10. Senate EPC
- 11. Senate
- 12. U Senate Conf
- 13. Board of Trustees
- 14. IBHE
- 15. HLC
- 16. DOE
- 17. Catalog Editor
- 18. DMI

Approval Path

- 1. 05/06/25 4:29 pm
Donna Butler
(dbutler): Approved
for U Program
Review
- 2. 05/06/25 4:30 pm
Emma Mercier
(mercier): Approved
for 1613-CUR&I
Committee Chair
- 3. 05/06/25 4:55 pm
Helen Neville
(hneville): Approved
for 1613-CUR&I

Head

4. 05/15/25 11:09 am
Kary Zarate
(kzarat2): Approved
for KN Committee
Chair
5. 05/27/25 11:09 am
Karla Moller
(kjmoller):
Approved for KN
Dean
6. 05/30/25 1:14 pm
Tom Teper (tteper):
Approved for
University Librarian
7. 09/02/25 3:53 pm
Allison McKinney
(agrindly): Approved
for Grad_College
8. 09/02/25 4:19 pm
Suzanne Lee
(suzannel):
Approved for COTE
Programs
9. 09/03/25 3:16 pm
Brooke Newell
(bsnewell): Rollback
to KN Dean for
Provost
10. 09/04/25 8:00 am
Lori Fuller
(harvey1): Approved
for KN Dean
11. 09/04/25 9:09 am
Tom Teper (tteper):
Approved for
University Librarian
12. 09/04/25 5:14 pm
Allison McKinney
(agrindly): Approved
for Grad_College
13. 09/04/25 5:16 pm

Suzanne Lee
(suzannel):
Approved for COTE
Programs
14. 09/10/25 3:14 pm
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Nov 20, 2019 by
Kathy Stalter
(kstalter)
2. Nov 30, 2020 by
Deb Forgacs
(dforgacs)
3. Oct 17, 2023 by Lori
Fuller (harvey1)

Administration Details

Official Program Name	Digital Learning - Floating (on campus & online)	
Diploma Title		
Sponsor College	Education	
Sponsor Department	Curriculum and Instruction	
Sponsor Name	<u>Emma Mercier</u> Sarah J. McCarthey	
Sponsor Email	<u>mercier@illinois.edu</u> mccarthe@illinois.edu	
College Contact	Lori Fuller	College Contact Email
	harvey1@illinois.edu	
College Budget Officer	Amanda Brown	
College Budget Officer Email	acbrown@illinois.edu	

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

initiator

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2025
Effective Catalog	2025-2026

Proposal Title

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

Revise the Concentration in Digital Learning in the College of Education and the Graduate College

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

Program Justification

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

- 1. Replace CI 439 with CI 553.
- 2. Add 5 new courses to the courses that fulfill this concentration (CI 424, CI 479, CI 489, CI 511, CI 545)

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

No

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

1. CI 439 has been renumbered to CI 553.
2. The courses that are been developed since the concentration was proposed. There is a need to have additional courses available for students to complete this concentration.

Instructional Resources

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

No

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

No

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

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

EPSY 554 - Virtual Worlds in Education

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

Program Features

Academic Level Graduate

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

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

Individual faculty advisors meet with students each semester to plan the courses.

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

No

Program of Study

Revised programs

Catalog Page Text - Overview Tab

Catalog Page Overview Text

The Department of Curriculum and Instruction offers a ~~an online~~ concentration in Digital Learning that is available for students in the following graduate programs:

- Curriculum & Instruction: PhD, EDD, MA, MS, EDM, EDM with teacher licensure (Early Childhood, Elementary, Secondary Education)
- Educational Policy, Organization and Leadership: PhD, EDD, MA, EDM
- Educational Psychology: PhD, MA, MS, EDM
- Special Education: EDM, MS

Students may add the concentration at the time of admission or petition to add the concentration during their degree program.

Hours for this concentration will count towards the degree programs in Curriculum and Instruction. Students pursuing this concentration in programs outside of Curriculum and Instruction will be required to complete the required coursework in excess of their program of study.

Is the overview text above correct?

Yes

Statement for
Programs of Study
Catalog

Select 12 hours from:

<u>CI 424</u>	<u>Child Development & Technology</u>	<u>4</u>
<u>CI 435</u>	<u>Technology Applications for Teachers</u>	<u>4</u>
<u>CI 438</u>	<u>Computer Programming and the Classroom</u>	<u>4</u>
<u>CI 479</u>	<u>Designing Online Learning Environments</u>	<u>4</u>
<u>CI 482</u>	<u>Social Learning and Multimedia</u>	<u>4</u>
<u>CI 489</u>	<u>Educational Technology Capstone Course</u>	<u>4</u>
<u>CI 511</u>	<u>Attention, Learning and Technology</u>	<u>4</u>
<u>CI 545</u>	<u>Virtual Worlds in Education</u>	<u>4</u>
<u>CI 553</u>	<u>Critiques of Educational Technology</u>	<u>4</u>
<u>CI 555</u>	<u>Advanced Educational Technologies for Engagement and Interactive Learning</u>	<u>4</u>
<u>Total Hours</u>		<u>12</u>

Select 3 courses from the following:

12

CI 435	Technology Applications for Teachers
CI 438	Computer Programming and the Classroom
CI 439	Course CI 439 Not Found
CI 482	Social Learning and Multimedia
CI 555	Advanced Educational Technologies for Engagement and Interactive Learning

Total Hours

0

Program Relationships

Corresponding

Program(s):

Corresponding Program(s)
Curriculum and Instruction, EDD
Curriculum and Instruction, EdM (on campus & online)
Curriculum and Instruction, MA
Curriculum and Instruction, MS
Curriculum and Instruction, PhD
Early Childhood Education, EDM

Corresponding Program(s)

Education Policy, Organization & Leadership, EdD (on campus, off campus & online)

Education Policy, Organization & Leadership, EdM (on campus, off campus & online)

Education Policy, Organization & Leadership, MA

Education Policy, Organization & Leadership, PhD

Educational Psychology, EDM (on campus & online)

Educational Psychology, MA

Educational Psychology, MS

Educational Psychology, PhD

Elementary Education, EDM

Secondary Education, EDM

Special Education, EDM (on campus & off campus)

Special Education, MS

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

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

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

Yes

Student Learning Outcomes

Acquire ~~Students will acquire~~ deep knowledge of content in the field of education.

Understand the complexities of digital learning and using technology within education and for learning.

~~Students will display a deep understanding of psychological foundations~~

~~of learning.~~ Demonstrate ~~Students will demonstrate~~ a deep understanding of philosophical foundations of education.

Display ~~Students will display~~ a deep understanding of best pedagogical practices in K-12 classrooms, with attention to 21st century skills and practices.

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

No

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

Describe here:

These outcomes are assessed by each course assignment.

Several courses provide opportunities to produce projects that demonstrate thier understanding of 21st Century skills.

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

Faculty use specific rubrics or guidelines for each course within the program.

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

Each program is reviewed every year by faculty teaching into the program to assess students' learning and outcomes of the program. Revisions are made on an ongoing basis from student feedback on courses and faculty advice.

Program

Description and

Requirements

Attach Documents

Delivery Method

This program is
available:

On Campus and Online - 2 program types. Students can receive the entire program either on campus or online. Students can choose to take courses in either modality.

Describe the use of this delivery method:

These courses will be taught online and in person.

Enrollment

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

This change increases the number of courses that are available for the Digital Learning Concentration. When the concentration was originally proposed, there were fewer courses available, and so these additional courses have had to be approved individually for students getting the concentration. These changes may make it easier for more students to take the concentration (as more courses will count), but most likely it will just align the concentration courses with the courses that are being taken by students now and have very little impact on enrollment.

Budget

Are there budgetary implications for this revision?

No

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

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

The online program is revenue-generating.

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

No

Attach letters of support

Is this program requesting self-supporting status?

No

Faculty Resources

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

There should be no changes to faculty resources as these courses have been taught (and often petitioned to count for the concentration) over recent years.

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.

There should be no change in library resources needd.

EP Documentation

EP Control Number EP.26.020

Attach Rollback/
Approval Notices

Non-EP Documentation

U Program Review
Comments

Rollback
Documentation and
Attachment

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook
Name
Digital Learning

Program Code: 5867

Minor	Conc	5867	Degree	
Code	Code		Code	Major
				Code

Senate Approval
Date

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

Program Reviewer **Allison McKinney (agrindly) (09/02/25 3:53 pm):** Administratively approved.
Comments **Brooke Newell (bsnewell) (09/03/25 3:16 pm):** Rollback: Per email discussion with Lori Fuller.

Date Submitted: 06/12/25 9:33 am

Viewing: **10KS0168MME : Music Education, MME**

Last approved: 03/16/22 1:28 pm

Last edit: 09/23/25 9:27 am

Changes proposed by: Nicole Turner

Catalog Pages Using
this Program

[Music Education, MME](#)

Proposal Type:
Major (ex. Special Education)

This proposal is for
a:
Revision

In Workflow

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

Approval Path

- 1. 02/20/25 3:59 pm
Donna Butler
(dbutler): Approved
for U Program
Review
- 2. 03/19/25 5:06 pm
Gayle Magee
(gsmagee):
Approved for 1495-
MUSIC Committee
Chair
- 3. 03/20/25 3:17 pm
Linda Moorhouse
(moorhouz):
Approved for 1495-
MUSIC Head

4. 06/11/25 12:51 pm
Brooke Newell
(bsnewell): Rollback
to Initiator
5. 07/02/25 9:37 am
Donna Butler
(dbutler): Approved
for U Program
Review
6. 08/13/25 4:31 pm
Gayle Magee
(gsmagee):
Approved for 1495-
MUSIC Committee
Chair
7. 08/20/25 1:57 pm
Linda Moorhouse
(moorhouz):
Approved for 1495-
MUSIC Head
8. 09/02/25 12:58 pm
Nicole Turner
(nicturn): Approved
for KR Dean
9. 09/02/25 1:30 pm
Tom Teper (tteper):
Approved for
University Librarian
10. 09/09/25 11:28 am
Allison McKinney
(agrindly): Approved
for Grad_College
11. 09/09/25 2:20 pm
Suzanne Lee
(suzannel):
Approved for COTE
Programs
12. 09/10/25 3:15 pm
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Apr 6, 2019 by Deb Forgacs (dforgacs)
2. Apr 11, 2019 by Deb Forgacs (dforgacs)
3. Mar 16, 2022 by Linda Moorhouse (moorhouz)

Administration Details

Official Program Name Music Education, MME

Diploma Title

Sponsor College Fine & Applied Arts

Sponsor Department Music

Sponsor Name Megan Eagen-Jones ~~Dr. Linda Moorhouse~~

Sponsor Email eagen@illinois.edu ~~moorhouz@illinois.edu~~

College Contact ~~Dr.~~ Nicole Turner

College Contact Email

nicturn@illinois.edu

College Budget Officer Greg Anderson

College Budget Officer Email gnanders@illinois.edu

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

The sponsor will edit the proposal if necessary.

Does this program have inter-departmental administration?

No ~~Yes~~

Effective Catalog Term

Effective Catalog Fall 2025

Proposal Title

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

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

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

Program Justification

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

(1) The Program of Study is being updated to change the credit hour requirement for the MUS 569 Capstone (from 2-4 to 4 credit hours) and

(2) the Music Education Electives (from 6-8 to 6). Note: MUS 569 has been approved for FA 25 and

(3) removing COTE department / College of Education from inter-departmental administration

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

No

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

- (1) The change to the MUS 569 course reflects the rigor and workload of the course (from 2-4 to 4 credit hours). The change to the Music Education Electives credits accommodates the raised credits of the MUS 569 course, to maintain an overall 32-credit program. This, we find, is significant and on par with other 4-credit courses in the MME degree program.
- (2) To maintain a Masters degree program of 32 credits total, we propose to reduce the Music Education Electives credits from a range of 6-8 to just 6 credits.
- (3) It is unclear why COTE would be listed as inter-departmental administration when COTE has a sign-off role in the CIM-P workflow already. Having COTE as inter-departmental administration requires 3 additional approvals from the college of education, in addition to the COTE step. Please see attached documentation from the Executive Director of COTE approving this change.

Instructional Resources

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

No

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

No

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

No

Program Features

Academic Level Graduate

Does this major have transcribed concentrations? No

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

What are the minimum Total Credit Hours required for this program?
32

What is the required GPA? 3.0

CIP Code 131312 - Music Teacher Education.

Is this program part of an ISBE approved licensure program?

Yes

Will specialized accreditation be sought for this program?

No

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

Yes

If Yes, describe how it is aligned with or meets licensure, certification, and/or entitlement requirements.

Teacher certification program.

Program of Study

Revised programs

Catalog Page Text - Overview Tab

Catalog Page Overview Text

[For additional details and requirements refer to the Music Department's Graduate Handbook and the Graduate College Handbook.](#)

Is the overview text above correct?

[Yes](#)

Statement for
Programs of Study
Catalog

<u>MUS 532</u>	Curricular Perspectives on Music Education	4
<u>MUS 533</u>	Research in Music Education	4
Music Education Electives: Any 400 or 500-level music education course		6-8
<u>Music Education Electives: Any 400 or 500-level music education course selected in consultation with an advisor/program director</u>		<u>6</u>

Any course in: EPSY, EPOL, or CI (Educational Psychology; Education Policy, Organization and Leadership; or Curriculum and Instruction)	4
Music Electives: Any <u>MUS 400</u> - or <u>MUS 500</u> -level course. Note: Applied Study (4 cr. max), Ensemble (1 cr. max)	10
Choose 1 Capstone Option:	4
Capstone Option I: MUS 569—Capstone Project Synthesis (2 credits)	
Capstone Option II: MUS 599—Thesis (4 credits)	
<u>MUS 569</u>	<u>Capstone Project Synthesis</u>
<u>or MUS 599</u>	<u>Thesis Research</u>

Total Hours	32
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Other Requirements

Other requirements may overlap

Minimum Hours Required Within the Unit: 14

Minimum 500-level Hours Required Overall:12

Minimum GPA: 3.0

Corresponding Degree	MME Master of Music Education
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Program Regulation and Assessment

Plan to Assess and Improve Student Learning

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

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

Yes

Student Learning Outcomes

- Students in the MME Program in Music Education will apply sound principles of curriculum design to the creation of comprehensive music programs that will further students' musical growth.
- Students in the MME Program in Music Education will demonstrate understanding of the techniques of educational research sufficient to design and conduct an inquiry project in their school settings.
- Students in ~~This revision will not impact~~ the MME Program in Music Education will analyze evidence ~~learning outcomes and assessment~~ of student learning and demonstrate their ability to synthesize and present these findings in written and oral form. ~~outcomes.~~
- Students in the MME Program in Music Education will refine and expand their musical understanding, skills, and knowledge through focused musical study.
- Students in the MME Program in Music Education will develop and extend their knowledge of the field of music education through studies in curriculum, instruction, assessment, musical practices, and the role of schooling in education.

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

No

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

Describe here:

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

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

Program RE MME Music Ed in program queue.pdf
Description and Requirements
Attach Documents

Delivery Method

This program is available:

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

Admission Requirements

Desired Effective
Admissions Term the program?

Is this revision a change to the admission status of

No

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

No impact.

Enrollment

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

No impact.

Estimated Annual Number of Degrees Awarded

Year One Estimate

5th Year Estimate (or when fully
implemented)

What is the
matriculation term
for this program?

Fall

Budget

Are there
budgetary
implications for this
revision?

No

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

No

Additional Budget
Information No Impact.

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

N/A

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

No

Attach letters of
support

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

FAA Graduate ~~N/A~~

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

No

Is this program requesting self-supporting status?

No

Faculty Resources

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

No impact.

Library Resources

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

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

EP Documentation

EP Control Number EP.26.020

Attach Rollback/
Approval Notices

Non-EP Documentation

U Program Review
Comments

Rollback
Documentation and
Attachment

DMI Documentation

Attach Final
Approval Notices
Banner/Codebook

Name
MME:Music Education -UIUC

Program Code: 10KS0168MME

Minor	Conc	Degree	MME
Code	Code	Code	Major
			Code
0168			

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

Program Reviewer
Comments

Mary Lowry (lowry) (04/05/24 5:21 pm): Rollback: Please see email dated 4-5-24.

Brooke Newell (bsnewell) (06/11/25 12:51 pm): Rollback: Rolling back per conversation and request from Nicole Turner and her conversation with CTEA Head (Jill and Suzanne copied on email)

Allison McKinney (agrindly) (09/09/25 11:28 am): Administratively approved

Program Change Request

Date Submitted: 03/12/25 3:42 pm

Viewing: **1PKS5599MS : Bioprocessing & Bioenergy, MS - PSM**

Last approved: 07/05/22 2:18 pm

Last edit: 09/23/25 9:45 am

Changes proposed by: Kent Rausch

Catalog Pages Using this Program

Bioprocessing & Bioenergy, MS - Professional Science Master's

Proposal Type:
Major (ex. Special Education)

This proposal is for
a:
Revision

In Workflow

1. U Program Review

2. 1306-ACES Head

3. KL Committee Chair

4. KL Dean

5. University Librarian

6. Grad_College

7. COTE Programs

8. Provost

9. Senate EPC

10. Senate

11. U Senate Conf

12. Board of Trustees

13. IBHE

14. HLC

15. DOE

16. Catalog Editor

17. DMI

Approval Path

1. 03/26/25 5:52 pm
Donna Butler
(dbutler): Approved for U Program Review

2. 05/14/25 11:19 am
Jack McCoy
(jemccoy): Approved for 1306-ACES Head

3. 05/22/25 3:40 pm
Brianna Gregg
(bjgray2): Approved for KL Committee Chair

4. 05/27/25 9:18 am
Anna Ball (aball):

- Approved for KL
Dean
5. 05/30/25 1:14 pm
Tom Teper (tteper):
Approved for
University Librarian
6. 09/02/25 3:52 pm
Allison McKinney
(agrindly): Approved
for Grad_College
7. 09/02/25 4:19 pm
Suzanne Lee
(suzannel):
Approved for COTE
Programs
8. 09/17/25 12:33 pm
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Feb 20, 2019 by Deb
Forgacs (dforgacs)
2. Jul 5, 2022 by Mary
Lowry (lowry)

Administration Details

Official Program Name	Bioprocessing & Bioenergy, MS - PSM
Diploma Title	
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Agricultural, Consumer and Environmental Sciences
Sponsor Name	Kent Rausch
Sponsor Email	krausch@illinois.edu
College Contact	Brianna Gregg

College Contact

Email bjgray2@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term Fall 2025

Effective Catalog 2025-2026

Proposal Title

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

Revise the Professional Science Masters in the Master of Science in Bioprocessing & Bioenergy in the College of Agricultural, Consumer and Environmental Sciences and the Graduate College

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

no

Program Justification

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

1. TSM rubric was changed to ETMA for the Fall 2022 semester. Therefore, we need to update TSM 486 to ETMA 486 in this program.
2. In addition, we have added the PSM concentration requirements to the Program of Study.
3. ABE 594 was removed and ABE 502 was added to the Program of Study.
4. Courses in the area of specialty requirement was adjusted from 29 hours to 28 hours.

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

No

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

1. The first change is necessary to update the program requirements for current and prospective students.
2. The second change is for transparency in the catalog and an accurate record in the CIM-P. This way all the requirements are stored in one place.
3. ABE 594 was deactivated and ABE 502 was created to help cover similar topics, but included additional topics for Career Skills.
4. The shift down in hours from 29 to 28 is being made to accommodate the additional credit hour from ABE 502.

Instructional Resources

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

No

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

No

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

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

ABE 502 - Grad Sem: Adv Career Skills

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

[Letter of support_ABE_502_ETMA486_MSBioProcessingPSM.pdf](#)

Program Features

Academic Level Graduate

Does this major have transcripted concentrations? Yes ~~No~~

Concentrations

Concentrations(s)

Professional Science Master's PSM Concentration – GR

Will you admit to the concentration directly? Yes

Is a concentration required for graduation? Yes

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

What are the minimum Total Credit Hours required for this program?
42

What is the required GPA? 2.75

CIP Code 261201 - Biotechnology.

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

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

No

Program of Study

Revised programs

[BioProcessingBioEngery_ETMARubricRevision.xlsx](#)

Catalog Page Text - Overview Tab

Catalog Page Overview Text

Statement for
Programs of Study
Catalog

<u>ABE 594</u>	Course ABE 594 Not Found (Required for 2 semesters)	0
<u>TSM 486</u>	Course TSM 486 Not Found	3
<u>ABE 502</u>	<u>Graduate Seminar: Advanced Career Skills</u>	<u>1</u>
<u>ETMA 486</u>	<u>Grain Bioprocessing Coproducts</u>	<u>3</u>
Courses (7 to 9) in the area of specialty from a designated list, and in consultation with the Director of Graduate Study		28
Total Hours		32
<u>Professional Science Master Concentration Requirements</u>		
<u>Business courses prescribed by the Illinois PSM program</u>		<u>10</u>
<u>PSM 501</u>	<u>PSM Industry Seminar I</u>	<u>0</u>
<u>PSM 502</u>	<u>PSM Industry Seminar II</u>	<u>0</u>
<u>PSM 503</u>	<u>PSM Industry Seminar III</u>	<u>0</u>
<u>PSM 555</u>	<u>PSM Internship</u>	<u>0</u>
<u>Total Hours</u>		<u>10</u>

Other Requirements

Other requirements may overlap

A PSM concentration is required.

Minimum 500-level Hours Required Overall:	12
Minimum Hours Required Within the Unit:	8 at the 500 level

~~Students will not be eligible to transfer graduate credit into this major. See individual program pages for specific details of disciplinary requirements.~~

Students will not be eligible to transfer graduate credit into this major.

Minimum GPA:	2.75
--------------	------

Total Hours for the Bioprocessing & Bioenergy, MS-PSM42

Corresponding Degree	MS Master of Science
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Program Regulation and Assessment

Plan to Assess and Improve Student Learning

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

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

Yes

Student Learning Outcomes

- 1. Advanced knowledge in bioprocessing and bioenergy. There is no specific undergraduate major that focuses on either bioprocessing or bioenergy, so introducing the scientific basis for converting biological materials to value-added products is the key component of the bioprocessing and bioenergy curriculum.
 - 2. Business: Introduce students with strong technical undergraduate degrees to business fundamental concepts such as project management, finance, and accounting.
 - 3. Industry experience that gives the students a realistic view of job opportunities and the hurdles faced by bioprocessing and bioenergy companies.
 - 4. PSM: ability to identify career interests, career path, goals to reach career aspirations, materials and knowledge for a successful internship & career search.
 - 5. PSM: ability to communicate science to a non-science audience; ability to work on a team.
- ~~admin migration~~

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

No

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

Describe here:

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

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

Program

Description and

Requirements

Attach Documents

Delivery Method

This program is
available:

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

Admission Requirements

Desired Effective Fall 2025

Admissions Term

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

No

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

~~admin migration~~

Enrollment

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

no impact

Estimated Annual Number of Degrees Awarded

Year One Estimate

admin migration

5th Year Estimate (or when fully
implemented)

admin migration

What is the
matriculation term
for this program?

Fall

Budget

Are there
budgetary
implications for this
revision?

No

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

No

Additional Budget
Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

~~admin migration~~

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

No

Attach letters of
support

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

Graduate PSM rate

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

No

Is this program requesting self-supporting status?

Faculty Resources

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

no impact

Library Resources

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

Library collections, resources and services are sufficient to support this rubric update.

EP Documentation

EP Control Number EP.26.020

Attach Rollback/
Approval Notices

Non-EP Documentation

U Program Review
Comments

Rollback
Documentation and
Attachment

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook
Name

MS:Bioprocess & Bioenergy-UIUC

Program Code: 1PKS5599MS

Minor	Conc	Degree	MS
Code	Code	Code	Major
			Code

5599

Senate Approval

Date

Senate Conference

Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date

Effective Date:

Program Reviewer

Comments

Brooke Newell (bsnewell) (12/06/22 2:52 pm): Rollback: Email sent to Brianna

Mary Lowry (lowry) (03/09/23 3:28 pm): Rollback: Please see email.

Donna Butler (dbutler) (03/26/25 5:52 pm): Updated to include current tuition rate information and corrected status of Self-Supporting question to 'Yes'.

Allison McKinney (agrindly) (09/02/25 3:52 pm): Administratively approved.

Brooke Newell (bsnewell) (09/11/25 7:12 am): Updates made to justification per email discussion with Kent and Brianna G.

Brooke Newell (bsnewell) (09/11/25 12:48 pm): Attached Letter of Support

Program Change Request

Date Submitted: 07/24/25 12:45 pm

Viewing: **10KS5165MS : Statistics: Analytics, MS**

Last approved: 02/19/25 1:12 pm

Last edit: 09/23/25 9:49 am

Changes proposed by: Darren Glosemeyer

Catalog Pages Using
this Program

[Statistics: Analytics Concentration, MS](#)

Proposal Type:
Concentration (ex. Dietetics)

This proposal is for
a:
Revision

In Workflow

1. U Program Review

2. 1583-STAT Head

3. KV Dean

4. University Librarian

5. Grad_College

6. COTE Programs

7. Provost

8. Senate EPC

9. Senate

10. U Senate Conf

11. Board of Trustees

12. IBHE

13. HLC

14. DOE

15. Catalog Editor

16. DMI

Approval Path

1. 04/18/25 9:27 am
Donna Butler
(dbutler): Approved
for U Program
Review

2. 04/18/25 11:16 am
Feng Liang (liangf):
Approved for 1583-
STAT Head

3. 04/23/25 10:13 am
Melissa Reedy
(murray): Rollback
to Initiator

4. 07/30/25 3:58 pm
Brianna Vargas-
Gonzalez (bv4):
Approved for U
Program Review

5. 07/31/25 1:16 am
Feng Liang (liangf):
Approved for 1583-
STAT Head
6. 08/20/25 2:30 pm
Stephen Downie
(sdownie):
Approved for KV
Dean
7. 08/21/25 1:58 pm
Tom Teper (tteper):
Approved for
University Librarian
8. 09/02/25 3:52 pm
Allison McKinney
(agrindly): Approved
for Grad_College
9. 09/02/25 4:19 pm
Suzanne Lee
(suzannel):
Approved for COTE
Programs
10. 09/17/25 12:34 pm
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Sep 18, 2019 by Deb
Forgacs (dforgacs)
2. Oct 22, 2019 by Deb
Forgacs (dforgacs)
3. Oct 7, 2020 by Amy
Elli (amyelli)
4. Feb 9, 2021 by Beth
McKown
(bmckown1)
5. Nov 17, 2021 by
Joseph Zarnsy
(zarnsy)

Administration Details

Official Program Name	Statistics: Analytics, MS	
Diploma Title	<u>Master of Science in Statistics</u>	
Sponsor College	Liberal Arts & Sciences	
Sponsor Department	Statistics	
Sponsor Name	Jeff Douglas, Associate Chair and Darren Glosemeyer, <u>Senior Instructor</u> <u>and Director</u> MS Program <u>Director</u>	
Sponsor Email	<u>glosemey@illinois.edu</u> jeffdoug@illinois.edu and glosemey@illinois.edu	
College Contact	Stephen R. Downie	College Contact Email
	sdownie@illinois.edu	
College Budget Officer	Michael Wellens	
College Budget Officer Email	wellens@illinois.edu	

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

Melissa Reedy, murray@illinois.edu (LAS Assistant Director Course & Cir Dvt) ~~Darren Glosemeyer, Director MS Program, glosemey@illinois.edu~~

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term	Fall 2026
Effective Catalog	2026-2027

Proposal Title

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

Revise the Concentration in Analytics in the Master of Science in Statistics in the College of Liberal Arts and Sciences and the Graduate College

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

This Statistics: Analytics, MS proposal (Key 781) is related to Statistics MS (Key 58), concentration Applied (Key 782), Statistics course list (Key 910), and Statistics Minor, GR (Key 57).

Program Justification

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

- 1) Change STAT 510 requirement to select one of STAT 510 or STAT 511
- 2) STAT 440 and STAT 448 were moved from required to a list of computing-focused courses allowing students to choose three courses from a list of seven.
- 3) Adjust listing of STAT 410 or waiver requirement
- 4) Adds newly approved STAT 441 Practice of Applied Statistics as an option for the requirement
Select one of STAT 427, STAT 593, STAT 443
- 5) Removes MATH 464 crosslist listing
- 6) Groups courses and adds headers "Mathematical Statistics", "Foundational Applied Statistics", "Statistical Computing", "Advanced Analytics", "Experiential Learning"
- 7) Change Total Hours from "36 - 40" to "36 or 40" in POS

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

No

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

1) STAT 510 and STAT 511 are both graduate level mathematical statistics courses. 510 is the MS level course. 511 is the PhD level course. Allowing 511 provides a more advanced alternative and is especially beneficial for students considering continuing on to a PhD.

2) The change to choosing 3 courses provides more flexibility in computational coursework and allows students to tailor their degree to their desired career paths.

3) There is no change to the degree requirements. This is just to address red boxes in the system. The requirement for STAT 410 is that students either take the course for 4 graduate hours, or are allowed to waive the course based on prior completion or proven proficiency. Those required to take the course need 40 hours to complete the degree. Those not required to take the course need 36 hours.

4) STAT 441 is a recently approved course that is a good option for this degree requirement.

5) The crosslist is not needed or used by Statistics students.

6) Course groupings provide clarity for the purpose of courses within the program requirements. The section headers which are added here have been used on the department website and in department materials, but were not currently included in the academic catalog.

7) This is a change to match current catalog guidance. The actual hours for the degree have not changed. A difference of 4 hours is determined by whether a student is required to take STAT 410. It is now preferred to use "or" rather than a range in such cases.

Instructional Resources

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

No

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

No

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

No

Program Features

Academic Level Graduate

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

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

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

No

Program of Study

Revised programs

Catalog Page Text - Overview Tab

Catalog Page Overview Text

The Master of Science in Statistics, Analytics Concentration combines the mathematical and statistical training of the traditional MS in Statistics with enhanced computational and data analytic training for those planning careers in information intensive industries or research. The program includes fundamental training in mathematical and applied statistics as well as specialized training in data management, analysis, and model building with large datasets and databases. The specialized courses have an emphasis on statistical computing, data management, and statistical learning, which encompasses the more statistical topics that fall under the broader title of data mining. The degree requires 36-40 hours (9 or 10 courses). Students are encouraged to gain experience in a business or consulting environment as part of the program.

Is the overview text above correct?

Yes

Statement for
Programs of Study
Catalog

Mathematical Statistics

<u>STAT 410</u>	Statistics and Probability II (or equivalent proficiency- may be waived with approval)	0 or 4
-----------------	--	--------

Select one of the following:

<u>STAT 510</u>	Mathematical Statistics	4
or <u>STAT 511</u>	Advanced Mathematical Statistics	

Foundational Applied Statistics

Select one of the following: 4

<u>STAT 425</u>	Statistical Modeling I
or <u>STAT 527</u>	Advanced Regression Analysis

Select one of the following: 4

<u>STAT 424</u>	Design of Experiments
<u>STAT 426</u>	Statistical Modeling II
<u>STAT 429</u>	Time Series Analysis
<u>STAT 431</u>	Applied Bayesian Analysis
<u>STAT 433</u>	Stochastic Processes
<u>STAT 528</u>	Advanced Regression Analysis II
<u>STAT 533</u>	Advanced Stochastic Processes
<u>STAT 556</u>	Advanced Time Series Analysis

Statistical Computing

Select three of the following: 12

<u>STAT 428</u>	Statistical Computing
<u>STAT 432</u>	Basics of Statistical Learning
<u>STAT 440</u>	Statistical Data Management
<u>STAT 447</u>	Data Science Programming Methods
<u>STAT 448</u>	Advanced Data Analysis
<u>STAT 480</u>	Big Data Analytics
<u>CS 412</u>	Introduction to Data Mining

Advanced Analytics

<u>STAT 542</u>	Statistical Learning	4
-----------------	----------------------	---

Select one of the following:

4

[STAT 525](#)

Topics in Computational Statistics

[STAT 546](#)

Machine Learning in Data Science

[STAT 571](#)

Multivariate Analysis

[CS 512](#)

Data Mining Principles

[Experiential Learning](#)

Select one of the following:

4

[STAT 427](#)

Statistical Consulting

[STAT 441](#)

[Practice of Applied Statistics](#)

[STAT 443](#)

Professional Statistics

~~Select one of the following:~~

4

[STAT 593](#)

STAT Internship

Total hours

36 or
40

Other Requirements

Other requirements may overlap

Minimum 500-level Hours Required Overall:12

Minimum GPA: 2.75

Program Relationships

Corresponding

Program(s):

Corresponding Program(s)

Statistics, MS

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

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

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

Yes

Student Learning Outcomes

Students in the Statistics, MS Analytics Concentration will:

1. Acquire a solid foundation in mathematical statistics and learn how it applies to data analysis;
2. Develop strong communication abilities in writing and orally that will allow them to work effectively in diverse teams;
3. Become skillful in statistical computing, data management, and statistical software;
4. Develop advanced statistical programming abilities for modern data mining, machine learning, and data science;
5. Develop an understanding and gain experience in applying methodology learned in the classroom to real problems in science and industry. ~~No changes to the current assessment process are proposed.~~

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

No

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

Describe here:

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

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

Program

Description and

Requirements

Attach Documents

Delivery Method

This program is
available:

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

Enrollment

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

No change in enrollment

Budget

Are there No
budgetary
implications for this
revision?

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

No

Additional Budget
Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

There are no financial implications as the courses are already being taught.

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

No

Attach letters of
support

Is this program requesting self-supporting status?

No

Faculty Resources

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

No impact. Courses are already being taught.

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.

No impact. Courses are already being taught.

EP Documentation

EP Control Number EP.26.020

Attach Rollback/
Approval Notices

Non-EP Documentation

U Program Review
Comments

Rollback
Documentation and
Attachment

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook
Name
MS: Statistics: Analytcs-UIUC

Program Code: 10KS5165MS

Minor	Conc	5165	Degree	MS
Code	Code		Code	Major
				Code
0329				

Senate Approval
Date

Senate Conference
Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date
Effective Date:

Program Reviewer **Melissa Reedy (murray) (04/23/25 10:13 am):** Rollback: Email sent to Darren, Feng, Yuguo, Georgios, and Stephen.

Comments **Allison McKinney (agrindly) (09/02/25 3:52 pm):** Administratively approved.

Program Change Request

Date Submitted: 07/24/25 1:15 pm

Viewing: **5978 : Statistics Minor, GR**

Last approved: 03/22/21 9:37 am

Last edit: 09/23/25 9:51 am

Changes proposed by: Darren Glosemeyer

Catalog Pages Using
this Program

[Statistics Graduate Minor](#)

Proposal Type:
Minor (ex. European Union Studies)

This proposal is for
a:
Revision

In Workflow

1. U Program Review

2. 1583-STAT Head

3. KV Dean

4. University Librarian

5. Grad_College

6. COTE Programs

7. Provost

8. Senate EPC

9. Senate

10. U Senate Conf

11. Board of Trustees

12. IBHE

13. HLC

14. DOE

15. Catalog Editor

16. DMI

Approval Path

1. 07/30/25 4:01 pm
Brianna Vargas-
Gonzalez (bv4):
Approved for U
Program Review

2. 07/31/25 1:16 am
Feng Liang (liangf):
Approved for 1583-
STAT Head

3. 08/20/25 2:31 pm
Stephen Downie
(sdownie):
Approved for KV
Dean

4. 08/21/25 1:58 pm
Tom Teper (tteper):
Approved for
University Librarian

5. 09/02/25 3:52 pm
Allison McKinney
(agrindly): Approved
for Grad_College
6. 09/02/25 4:19 pm
Suzanne Lee
(suzannel):
Approved for COTE
Programs
7. 09/04/25 11:00 am
Brooke Newell
(bsnewell): Rollback
to KV Dean for
Provost
8. 09/12/25 9:07 am
Stephen Downie
(sdownie):
Approved for KV
Dean
9. 09/15/25 2:01 pm
Tom Teper (tteper):
Approved for
University Librarian
10. 09/15/25 4:39 pm
Allison McKinney
(agrindly): Approved
for Grad_College
11. 09/15/25 4:41 pm
Suzanne Lee
(suzannel):
Approved for COTE
Programs
12. 09/17/25 12:34 pm
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Mar 22, 2021 by
Mary Lowry (lowry)

Administration Details

Official Program Name	Statistics Minor, GR	
Diploma Title		
Sponsor College	Liberal Arts & Sciences	
Sponsor Department	Statistics	
Sponsor Name	<u>Darren Glosemeyer</u> Mary Lowry	
Sponsor Email	<u>glosemey@illinois.edu</u> lowry@illinois.edu	
College Contact	<u>Stephen R. Downie</u>	College Contact Email
	<u>sdownie@illinois.edu</u>	
College Budget Officer		
College Budget Officer Email		

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

- Ruqing Zhu, Statistics PhD Director, rqzhu@illinois.edu
- Feng Liang, Statistics Curriculum Committee Chair, liangf@illinois.edu
- Melissa Reedy, murray@illinois.edu (LAS Assistant Director Course & Cir Dvt)

Does this program have inter-departmental administration?
No

Effective Catalog Term

Effective Catalog Term	Fall 2026
Effective Catalog	2026-2027

Proposal Title

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

Revise the Graduate Minor in Statistics in the College of Liberal Arts and Sciences and the Graduate College

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

This Statistics Minor, GR proposal (Key 57) is related to MS (Key 58), concentration Analytics (Key 781), concentration Applied (Key 782), and Statistics course list (Key 910).

Program Justification

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

- 1) Explicitly list the approved courses in the POS
- 2) State that at least 8 hours must be at the 500 level
- 3) Remove MS Director as contact

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

- 1) The approved course list had been maintained on a department website. The College has required moving those courses into the catalog POS.
- 2) Catalog stated that students needed to take one 400-level course and 2 500-level courses. The department is fine with a student taking one 400-level course and 2 500-level courses, or taking all 3 courses at the 500 level for the minor. This change reflects that 3 500-level courses is allowed.
- 3) The Graduate Contact is the initial contact, and the minor as a minor for PhD students is under the purview of the PhD Director. Graduate Contact is reflected in the Contact Information in the catalog.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this

new program/proposed change?

No

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

No

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

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

ASRM 563 - Risk Modeling and Analysis
CHBE 571 - Bioinformatics
EPSY 587 - Hierarchical Linear Models
MATH 561 - Theory of Probability I
MATH 562 - Theory of Probability II
MATH 564 - Applied Stochastic Processes
PSYC 588 - Covar Struct and Factor Models

Please attach any
letters of support/
acknowledgement
for any
Instructional
Resources.

[SupportLetter_CHBE571.pdf](#)
[SupportLetter_ASRM563.pdf](#)
[SupportLetter_MATH561_MATH562_MATH564.pdf](#)
[SupportLetter_PSYC588.pdf](#)
[SupportLetter_EPSY587.pdf](#)

Consider faculty,
students, and/or
other impacted
units as
appropriate.

Program Features

Academic Level

Graduate

Is this minor?

A Comprehensive study in a single discipline

Is this program part of an ISBE approved licensure program?

No

Will specialized accreditation be sought for this program?

No

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

No

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

No

Program of Study

An undergraduate minor should consist of at least 16 - and no more than 21 hours - of course work, with at least 6 hour of 300- or 400- level courses. Except for clearly remedial offerings, prerequisite courses within the sponsoring unit 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

Revised programs

Catalog Page Text - Overview Tab

Catalog Page Overview Text

The Graduate Minor in Statistics is designed for doctoral students pursuing degrees in other fields who wish to enhance their statistical knowledge and credentials. Students within the major cannot minor in the same program. The Minor is taken in conjunction with, and is intended to complement the student's work in their primary disciplines. Admission to the minor requires an application to the Department and admission to a PhD program (MS track to PhD cannot apply until they are in the PhD program) in another field at the University of Illinois Urbana-Champaign. Applications for the Minor are submitted upon completion of the required courses. Approval is contingent on having grade point average of 3.0 or better in the Minor. A total of three courses, constituting 12 graduate credit hours, are required for the minor in Statistics degree. At least 8 credit hours must be taken at the 500 level. No course substitutions allowed.

Is the overview text above correct?

Yes

Statement for
Programs of Study
Catalog

Three courses from the following list:

<u>STAT 424</u>	<u>Design of Experiments</u>
<u>STAT 425</u>	<u>Statistical Modeling I</u>
<u>STAT 426</u>	<u>Statistical Modeling II</u>
<u>STAT 428</u>	<u>Statistical Computing</u>
<u>STAT 429</u>	<u>Time Series Analysis</u>
<u>STAT 430</u>	<u>Topics in Applied Statistics</u>
<u>STAT 431</u>	<u>Applied Bayesian Analysis</u>
<u>STAT 432</u>	<u>Basics of Statistical Learning</u>
<u>STAT 433</u>	<u>Stochastic Processes</u>
<u>STAT 434</u>	<u>Survival Analysis</u>
<u>STAT 437</u>	<u>Unsupervised Learning</u>
<u>STAT 440</u>	<u>Statistical Data Management</u>
<u>STAT 441</u>	<u>Practice of Applied Statistics</u>
<u>STAT 443</u>	<u>Professional Statistics</u>
<u>STAT 447</u>	<u>Data Science Programming Methods</u>
<u>STAT 448</u>	<u>Advanced Data Analysis</u>
<u>STAT 480</u>	<u>Big Data Analytics</u>
<u>STAT 510</u>	<u>Mathematical Statistics</u>
<u>STAT 511</u>	<u>Advanced Mathematical Statistics</u>
<u>STAT 525</u>	<u>Topics in Computational Statistics</u>
<u>STAT 527</u>	<u>Advanced Regression Analysis</u>
<u>STAT 528</u>	<u>Advanced Regression Analysis II</u>
<u>STAT 530</u>	<u>Bioinformatics</u>
<u>STAT 533</u>	<u>Advanced Stochastic Processes</u>
<u>STAT 542</u>	<u>Statistical Learning</u>
<u>STAT 545</u>	<u>Spatial Statistics</u>
<u>STAT 546</u>	<u>Machine Learning in Data Science</u>
<u>STAT 551</u>	<u>Theory of Probability I</u>
<u>STAT 552</u>	<u>Theory of Probability II</u>

<u>STAT 553</u>	<u>Probability and Measure I</u>
<u>STAT 554</u>	<u>Probability and Measure II</u>
<u>STAT 555</u>	<u>Applied Stochastic Processes</u>
<u>STAT 556</u>	<u>Advanced Time Series Analysis</u>
<u>STAT 558</u>	<u>Risk Modeling and Analysis</u>
<u>STAT 571</u>	<u>Multivariate Analysis</u>
<u>STAT 575</u>	<u>Large Sample Theory</u>
<u>STAT 576</u>	<u>Empirical Process Theory and Weak Convergence</u>
<u>STAT 578</u>	<u>Topics in Statistics</u>
<u>STAT 587</u>	<u>Hierarchical Linear Models</u>
<u>STAT 588</u>	<u>Covar Struct and Factor Models</u>

Total Hours	12
-------------	----

Other Requirements

At least 8 credit hours must be taken at the 500 level.

No course substitutions are allowed.

400-level Statistics coursework chosen from approved departmental list	4
500-level Statistics coursework chosen from approved departmental list	8
Total Hours	0

~~Students wishing information beyond that provided here should contact the Director of MS Studies in Statistics.~~

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

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

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

No

Student Learning Outcomes

Students in the Statistics Minor will:

1. Acquire a solid foundation in core statistical theory and methods;
2. Become skillful in statistical software and data analysis;
3. Develop an understanding and gain experience in applying methodology learned in the classroom to real problems in science and industry.

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

Describe here:

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

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

Program

Description and

Requirements

Attach Documents

Delivery Method

This program is
available:

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

Enrollment

Will the department limit enrollment to the minor?

No

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

No change to current process.

Are there any prerequisites for the proposed minor?

No

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

No impact.

Budget

Are there No
budgetary
implications for this
revision?

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

No

Additional Budget
Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

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

No

Attach letters of
support

Library Resources

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

None. The courses are already being taught.

EP Documentation

EP Control Number EP.26.020

Attach Rollback/
Approval Notices

Non-EP Documentation

U Program Review
Comments
Rollback
Documentation and
Attachment

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook
Name
Statistics

Program Code:	5978				
Minor Code	5978	Conc Code		Degree Code	Major Code

Senate Approval
Date

Senate Conference
Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

DOE Approval Date

Effective Date:

Program Reviewer	Allison McKinney (agrindly) (09/02/25 3:52 pm): Administratively approved.
Comments	Brooke Newell (bsnewell) (09/04/25 11:00 am): Rollback: Rolling back per email discussion and request from Melissa R.

Program Change Request

Date Submitted: 09/08/25 9:46 am

Viewing: **10KS5273MS : Agricultural and Applied
Economics, MS**

Last approved: 07/05/22 11:34 am

Last edit: 09/29/25 11:22 am

Changes proposed by: Brianna Gregg

Catalog Pages Using
this Program [Agricultural & Applied Economics, MS](#)

Proposal Type:
Major (ex. Special Education)

This proposal is for
a:
Revision

In Workflow

1. U Program Review
2. 1470-ACE
Committee Chair
3. 1470-ACE Head
4. KL Committee Chair
5. KL Dean
6. University Librarian
7. Grad_College
8. COTE Programs
9. Provost
10. Senate EPC
11. Senate
12. U Senate Conf
13. Board of Trustees
14. IBHE
15. HLC
16. DOE
17. Catalog Editor
18. DMI

Approval Path

1. 09/09/25 2:44 pm
Brianna Vargas-
Gonzalez (bv4):
Approved for U
Program Review
2. 09/09/25 4:33 pm
Bryan Endres
(bendres):
Approved for 1470-
ACE Committee
Chair
3. 09/09/25 4:42 pm
Sarah Low (salow2):
Approved for 1470-
ACE Head

4. 09/10/25 10:18 am
Brianna Gregg
(bjgray2): Approved
for KL Committee
Chair
5. 09/10/25 10:22 am
Anna Ball (aball):
Approved for KL
Dean
6. 09/10/25 11:18 am
Tom Teper (tteper):
Approved for
University Librarian
7. 09/23/25 9:39 am
Allison McKinney
(agrindly): Approved
for Grad_College
8. 09/23/25 1:30 pm
Suzanne Lee
(suzannel):
Approved for COTE
Programs
9. 09/24/25 12:55 pm
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Nov 12, 2019 by
Deb Forgacs
(dforgacs)
2. Feb 11, 2020 by Deb
Forgacs (dforgacs)
3. May 28, 2020 by
Kathy Martensen
(kmartens)
4. Jul 5, 2022 by Mary
Lowry (lowry)

Official Program Name Agricultural and Applied Economics, MS

Diploma Title

Sponsor College Agr, Consumer, & Env Sciences

Sponsor Department Agricultural and Consumer Economics

Sponsor Name Clint Reifsteck ~~Nick Paulson~~

Sponsor Email cmreifst@illinois.edu ~~npaulson@illinois.edu~~

College Contact Brianna Gregg ~~Anna Ball~~

College Contact Email

bjgray2@illinois.edu ~~aball@illinois.edu~~

College Budget Officer

College Budget Officer Email

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

Does this program have inter-departmental administration?

No

Effective Catalog Term

Effective Catalog Term Spring 2026

Effective Catalog 2025-2026

Proposal Title

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

Revise the Master of Science in Agricultural and Applied Economics in the College of Agricultural, Consumer & Environmental Sciences and the Graduate College

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

Program Justification

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

1. We deleted ACE 566 for thesis and non-thesis options.
2. We deleted ACE 592 ME (microeconomics) and ECON 500 for the thesis option.
3. We revised the text for the '6 hours in quantitative and research methods' requirement to remove the reference to 'departmental list' and instead include 'selected in consultation with an advisor' for the thesis option.

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

No

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

1. ACE 566 was deactivated.
2. ACE 592 ME (microeconomics) isn't offered anymore. ECON 500 still exists but it has been changed by ECON and is no longer a course our students would even have access to.
3. The requirement text was revised to improve student transparency and align with campus standards.

Instructional Resources

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

No

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

No

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

Yes

Courses outside of the sponsoring department/interdisciplinary departments:

ECON 500 - Microeconomics

Please attach any [Letter of Acknowledgement ECON 500 ACE, MS Curriculum.pdf](#)
letters of support/
acknowledgement
for any
Instructional
Resources.
Consider faculty,
students, and/or
other impacted
units as
appropriate.

Program Features

Academic Level Graduate

Does this major
have transcribed
concentrations? No

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

What are the minimum Total Credit Hours required for this program?
32

What is the
required GPA? 3.0

CIP Code 450603 - Econometrics and Quantitative
Economics.

Is this program part of an ISBE approved licensure program?
No

Will specialized accreditation be sought for this program?

No

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

No

Program of Study

Revised programs [Side by Side_Agricultural and Applied Economics, MS.xlsx](#)

Catalog Page Text - Overview Tab

Program Overview

The ACE M.S. program offers considerable flexibility. Students using the degree as a foundation for a doctorate emphasize economic theory and analytical research tools. Students seeking the terminal master's degree focus their study on the concepts and analytical techniques used by analysts and managers in industries, governments, and other organizations.

Admission

Graduate College requirements apply, including a 3.0 (A = 4.0) GPA for the last two years of undergraduate coursework and any graduate work completed. International applicants whose native language is not English are required to follow the Graduate College's Minimum Requirements for Admission. Graduate Record Examination (GRE) general test scores are required for all M.S. program applicants. Applicants to the Ph.D. program are required to provide a sample of their academic writing; a writing sample is optional for M.S. applicants. Students having an inadequate background in theory or quantitative methods will be asked to take additional coursework to prepare for graduate study. Students may commence study in either semester, but initial enrollment in fall semester is preferable.

Student Thesis and Dissertation Research

Our students' research uses economics to address important social and economic challenges. Thesis and dissertation topics include designing policies for environmental protection and resource management, evaluating international efforts to reduce poverty and hunger, and enhancing the performance of commodity and speculative markets.

Graduate Teaching Experience

Although teaching is not a general Graduate College requirement, experience in teaching is considered an important part of the graduate experience in this program and is strongly recommended for those intending to pursue an academic career.

Financial Aid

Graduate fellowships, assistantships, and tuition and fee waivers are awarded on a competitive basis.

Fellowships. The department offers fellowships from internal resources and by nominating students for college and campus fellowships. These fellowships, often combined with assistantship support, provide monetary stipends and, in most cases, exemptions from tuition and some student fees. Recipients must register for the equivalent of at least 12 hours of graduate credit in each semester and four hours in an eight-week summer session. Fellowship holders are encouraged to involve themselves with research and teaching in the department.

Assistantships. Research and teaching assistantships provide an opportunity for graduate students to work with faculty. Most research assistantships are funded by grants and contracts involving the analysis of contemporary issues. Most assistantships carry waivers of tuition and

some fees.

Tuition and Fee Waivers. Waivers may be awarded. In most cases they are awarded to students with fellowship support from certain external programs.

Is the overview text above correct?

Yes

Statement for
Programs of Study
Catalog

Thesis Option

Select one of the following:		4
<u>ACE 500</u>	Applied Economic Theory	4
ACE 592	Special Topics (Microeconomics)	
ECON 500	Microeconomics	
6 hours in quantitative and research methods, selected in consultation with an advisor (these do not count toward the 500 level course requirement)		6
Electives		14
<u>ACE 599</u>	Thesis Research	8
Total Hours		32

Other requirements

Other requirements may overlap

~~Only 2 hours of ACE 566 may count towards the degree~~

~~Minimum Hours Required Within the Unit: 8 at the 500 level, not including ACE 566, 599 or independent study~~

Minimum Hours Required Within the Unit: 8 at the 500 level, not including ACE 599 or independent study

Minimum 500-level Hours Required Overall: 12

Minimum GPA: 3.0

Non-Thesis Option

24 hours selected from the ACE doctoral core sequence, including at least 12 hours in applied economic theory and 8 hours in quantitative methods		24
Electives		8
Total Hours		32

Other Requirements

Other requirements may overlap

~~Only 2 hours of ACE 566 may count towards the degree~~

~~Minimum Hours Required Within the Unit: 20 at the 500 level, not including ACE 566, 599 or independent study~~

Minimum Hours Required Within the Unit: 20 at the 500 level, not including ACE 599 or independent study

Minimum 500-level Hours Required Overall: 20

Minimum GPA: 3.0

Corresponding
Degree

MS Master of Science

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

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

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

Yes

Student Learning Outcomes

1. Develop a knowledge base in, and demonstrate an understanding of how to use, microeconomic concepts to set up and analyze economic problems.
2. Identify, summarize, interpret, and critique relevant scholarly literature.
3. Demonstrate the ability to identify important research problems and formulate well-defined research objectives (e.g., testable hypotheses).
4. Identify and use appropriate quantitative methods to accomplish research objectives.
5. Effectively use written and verbal communication skills to present economic concepts and analyses.
6. Understand features of agriculture and natural resources (e.g., inherent risk, institutions, unique government policies, and cultural importance of food) that make them unique for applications of economic principles.
7. Practice highest levels of professional conduct (e.g., in professional activities take responsibility, be accountable, show integrity, have strong ethics, and respect diversity).

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

No

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

Describe here:

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

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

Program

Description and

Requirements

Attach Documents

Delivery Method

This program is
available:

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

Admission Requirements

Desired Effective

Admissions Term

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

No

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

Enrollment

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

This change will not impact enrollment or degrees awarded.

Estimated Annual Number of Degrees Awarded

Year One Estimate

5th Year Estimate (or when fully
implemented)

What is the

matriculation term
for this program?

Fall

Budget

Are there No
budgetary
implications for this
revision?

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

No

Additional Budget
Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

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

No

Attach letters of
support

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

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

No

Is this program requesting self-supporting status?

No

Faculty Resources

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

There will be no impact on faculty resources.

Library Resources

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

Current library resources, including collections and services, will not be impacted by the revision of this program. The current library resources are sufficient.

EP Documentation

EP Control Number EP.26.020

Attach Rollback/
Approval Notices

Non-EP Documentation

U Program Review
Comments

Rollback
Documentation and
Attachment

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook
Name

MS: Agr & Applied Econ - UIUC

Program Code: 10KS5273MS

Minor	Conc	Degree	MS
Code	Code	Code	Major
			Code
5273			

Senate Approval
Date

Senate Conference
Approval Date

BOT Approval Date
IBHE Approval Date
HLC Approval Date
DOE Approval Date
Effective Date:

Program Reviewer **Allison McKinney (agrindly) (09/23/25 9:39 am):** Administratively approved.
Comments **Brooke Newell (bsnewell) (09/24/25 10:19 am):** Updated POS text and justification per email discussion with sponsors