EP.22.113
April 4, 2022

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

EP.22.113   Report of Administrative Approvals through March 28, 2022

Senate committees are authorized to act for and in the name of the Senate on minor matters. Below is a listing of the administrative approvals the Senate Committee on Educational Policy approved at its meeting on March 28, 2022. Additional information for each approval is attached.

A. **Graduate Programs**
1) **MS in Integrative Biology** (key 966) – specifically requires a Career and Skill Development course and updates lists from which students choose courses. There is no change to the total hours required for the program.
2) **Choral Music Concentration in the DMA in Music** (key 811) – moves text from footnotes into the Program of Study table. There are no changes to the total hours required for the concentration or for the program.
3) **Music Composition Concentration in the DMA in Music** (key 533) – moves text from footnotes into the Program of Study table. There are no changes to the total hours required for the concentration or for the program.
4) **Concentration in Vocal Coaching & Accompanying in the DMA in Music** (key 535) – moves text from footnotes into the Program of Study table. There are no changes to the total hours required for the concentration or for the program.
5) **Jazz Performance Concentration in the DMA in Music** (key 814) – moves text from footnotes into the Program of Study table. There are no changes to the total hours required for the concentration or for the program.
6) **MFA in Dance** (key 189) – update the list of Performance courses to remove courses no longer offered and remove a footnote. There is no change to the total hours required for the program.
7) **Concentration in Medieval Studies** (key 926) – remove the Medieval Studies concentration from the Communication curriculum. There is no change to total hours required for the concentration.

B. **Undergraduate Programs**
1) **BFA in Art & Art History** (key 537) – adds courses to the Art & Design Requirements electives list. There is no change to the total hours required for the program.
2) **BSLAS in Earth, Society, & Environmental Sustainability** (key 695) – update the rubric for courses in the major from the Department of Geography and Geographic Information Science from GEOG to GGIS. There is no change to the total hours required for the program.
3) **Curricula Preparatory to Teaching Foreign Languages Course List** (key 751) – revises the text explaining the requirements for application to teaching programs in foreign languages and for departmental distinction to provide clarity. There is no change to the total hours required for any of the programs (BA in Teaching of French, BA in Teaching of German, BA in Teaching of Latin, and BA in Teaching of Spanish) that reference this course list.

4) **BS in Metropolitan Food & Environmental Systems** (key 777) – update to the choices for completion of the statistics course requirement and to the introductory Natural Resources and Environmental Sciences course requirement. There is no change to the total hours required for the program.

5) **Minor in Biomolecular Engineering** (key 269) – move footnotes into parentheses within Program of Study table; list specific courses for elective lists. There is no change to the total hours required for the minor.

6) **BA in Teaching of Spanish** (key 256) -- move footnote into parentheses within Program of Study table; There is no change to the total hours required for the program.

7) **BS in Agricultural & Consumer Economics** (key 74) – update the Quantitative Reasoning I list to remove a course no longer offered. There is no change to the total hours required for the program.

8) **Agri-accounting concentration in the BS in Agricultural & Consumer Economics** (key 587) – revises the list of concentration-required courses. There is no change to the total hours required for the concentration or for the program.

9) **Finance in Agribusiness Concentration in the BS in Agricultural & Consumer Economics** (key 597) – revises a "select two" list of courses required for the concentration. There is no change to the total hours required for the concentration or for the program.

10) **Minor in Animal Sciences** (key 458) – provides additional clarification about the courses required at the 300- and 400-level and that total hours required result in a range depending on which courses the student selects. This range addition is to correct and clarify, not change, total hours.

11) **BS in Media and Cinema Studies** (key 290) – add a statement about students needing to satisfy all university- and college-level requirements at the top of the program of study table; remove a footnote; organize and clarify the Thematic Area course lists. There is no change to the total hours required for the program.

12) **Agricultural Engineering Concentration within the BS in Agricultural & Biological Engineering** (key 732) – update the list of Concentration Core required courses and the electives lists; removal of a footnote. There is no change to the total hours required for the concentration or for the program.

13) **Biological Engineering Concentration within the BS in Agricultural & Biological Engineering** (key 733) – update the list of Concentration Core required courses and the electives lists; removal of a footnote. There is no change to the total hours required for the concentration or for the program.

Program Change Request

Date Submitted: 02/24/22 4:15 pm

Viewing: **1PKS6936MS : Integrative Biology, MS**

Last approved: 07/22/21 9:15 am

Last edit: 03/04/22 2:44 pm

Changes proposed by: Beth McKown

Integrative Biology, MS

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

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

Approval Path

1. 02/25/22 9:00 am
   Deb Forgacs
   (dforgacs):
   Approved for U
   Program Review
2. 02/25/22 10:15
   am
   Brian Allan
   (ballan): Approved
   for 1383 Head
3. 02/25/22 10:15
   am
   Brian Allan
   (ballan): Approved
   for SIB Head
4. 02/25/22 10:24
   am
   Stephen Downie
   (sdownie):
   Approved for KV
   Dean
5. 02/25/22 10:25
   am
   John Wilkin

History

1. Jul 22, 2021 by Kelly Ritter (ritterk)

Major (ex. Special Education)

This proposal is for a:
Revision

Administration Details

Official Program Name	Integrative Biology, MS
Sponsor College	Liberal Arts & Sciences
Sponsor Department	Integrative Biology
Sponsor Name	Brian Allan, Acting Associate Director of Academic Affairs ~~Stephen R. Downie~~
Sponsor Email	ballan@illinois.edu ~~sdownie@illinois.edu~~
College Contact	Stephen R. Downie ~~Kelly Ritter~~
College Contact Email	sdownie@illinois.edu ~~ritterk@illinois.edu~~
College Budget Officer	
College Budget Officer Email	

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

Allison O'Dwyer, Director of Graduate Studies for MS in IB program, aodwyer@illinois.edu

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term   Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the MS in Integrative Biology

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

Updating the required Career and Skill Development course will allow our MS in IB program to clearly denote the difference between this course for graduate students only and our similar course, IB 292 Career Success in IB. With the offering of IB 292, IB 492 is redundant for undergraduates. Additionally, IB 592 is tailored specifically for graduate students, requiring a significant, semester-long career portfolio project for post-MS and/or post-PhD plans that would not be appropriate for undergraduates. As the MS in IB program is still new and no students are currently enrolled yet (first cohort begins Fall 2022), these changes will not impact any current students.

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

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).

Learning Outcomes for the MS in IB Program:

1. Synthesize and apply core knowledge in interdisciplinary biological fields including anatomy, biochemistry, development, ecology, evolution, genetics, molecular biology, physiology, and/or systematics.
2. Apply predictive models to biological phenomena and engage with the process of scientific inquiry.
3. Critically evaluate and communicate complex, dynamic scientific information.
4. Employ curiosity, inquiry, quantitative reasoning, and critical thinking in problem solving.
5. Show leadership in using interdisciplinary strategies to solve global and local biological challenges.
6. Develop professional skills including ethics, proficiency in scientific writing and speaking, collaboration, and effective communication.

To assess and improve student learning, we will continue to provide learning outcomes in each course syllabus, and have instructors refer to them throughout the semester so students are aware of what they will be learning and why. Instructors will also provide an anonymous, mid-semester, student evaluation of each course. SIB courses also include a variety of formative and summative assessments in each course, with the latter including final exams, end-of-class projects, and written reports. We will employ ICES Online to provide an end-of-semester course/instructor evaluation. To better support students as they move through the program, we will meet individually with each student to review their progression through the program, any issues they might be experiencing with their courses, and to discuss whether they are achieving their learning and career goals. We also will provide an exit survey to all students graduating from the program to inquire about post-graduate destinations, whether the program prepared them adequately for these destinations, and their perception of the success of the program. Lastly, we will follow-up with alums of the program at 2 and 5-year intervals after graduation to determine placement rates into other academic programs or careers, their reflections on the knowledge and skills they have learned in the program, and how the program's learning outcomes prepared them for where they are now.

The Director ~~director~~ of Graduate Studies of the MS in IB program will lead all program assessment work. An annual summary report will include a report of all assessment activities undertaken, as well as review enrollment information, course progression, and time to degree completion. Assessment information will be shared with the SIB Associate Director of Academic Affairs, other members of the School's Executive Committee, the faculty instructors, the Alumni Mentoring Coordinator, and with the broader SIB faculty during the unit's annual meeting. Based on results of the assessment work, course curricula may be revised, learning outcomes modified, and student advising improved.

Depending upon the course, a variety of formative and summative assessments will take place, with grades, self, peer or faculty evaluations with feedback, and mid-semester and end-of-course anonymous evaluations all used to signify students have achieved the stated learning objectives. A minimum cumulative GPA of 3.0 (B average)

Methods of evaluation used to improve the curriculum, instruction, and overall quality of the MS in IB program include many of those already being used to evaluate our existing undergraduate and departmental graduate programs. These methods include the results of the program's student learning assessment work (as outlined above); current student, employer, alumni, and other satisfaction survey results; numbers of students entering and graduating from the program; time-to-degree completion rates; and job placement, graduate school acceptance rates, and admission to professional schools. Any revisions to courses are approved by the units Courses and Curricula committee. The scheduling of courses, particularly those that are offered every other year, will be considered carefully so that their availability will not hamper time to graduation. The program's evaluation will be carried out internally by the director of the program and in consult with the School's Associate Director of Academic Affairs.

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	Comparative Table of Proposed Changes MS in Integrative Biology.docx MS in Integrative Biology Curricula Revised 02242022.doc

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Overview tab:
The Master of Science in Integrative Biology (MS in IB) provides students with a non-thesis, course-based advanced degree program opportunity. Students in the MS program have the ability to enhance their skill sets within IB upper-level courses through our world-class educational experiences, without having to invest in a required and timely research component for the degree. Students will thus be able to graduate in one year with a degree making them more competitive for employment and future research opportunities.

This program mainly serves students who are in a gap year between undergraduate programs and either employment or future graduate-level programs. With the ability to hone skills in critical thinking, communication, laboratory practices, and scientific knowledge this program affords students the ability to make effective use out of such a year.

The MS in IB program offers advanced coursework in fields such as organismal biology, behavioral ecology, anatomy and physiology, environmental science, bioinformatics, pathology, genomics, and mathematical modeling to name just a few. With a world-class advanced degree from the University of Illinois, our students are better prepared to enter the workforce and thus have higher earning potential.

Catalog Page Text: The MS in IB program degree requires a minimum of two full-time semesters. Students may take up to two years to complete their degree. See approved course list at: http://sib.illinois.edu/graduate/programs.
For additional details and requirements refer to the MS in SIB Program Handbook and the Graduate College Handbook-https://grad.illinois.edu/handbooks-policies.

Statement for Programs of Study Catalog

1 Two hours must come from IB 492%7CCode.

Course List

Code	Title	Hours
Core Curriculum Hours Required		12-24

At least one course from two of the following three IB disciplinary areas and one additional course with a laboratory and/or field component. See link above for course list. 1

IB 592   Career and Skill Development in Integrative Biology

At least one course from two of the following three IB disciplinary areas and one additional course with a laboratory and/or field component.
Area 1: Organismal and Evolutionary Biology
IB 461, IB 462, IB 463, IB 471
Area 2: Behavior, Ecology and the Environment
IB 405, IB 431, IB 432, IB 439, IB 440, IB 443, IB 444, IB 451, IB 452, IB 453, IB 481, IB 482, IB 485, IB 486, IB 494
Area 3: Integrative anatomy, Physiology and Molecular Biology
IB 420, IB 421, IB 426, IB 427, IB 472, IB 473

Code	Title	Hours
Elective Hours Required		6-8
	Courses to be chosen from the MS in IB approved list of courses below - or upon approval from the program director.	
	IB 411, IB 416, IB 436, IB 442, IB 447, IB 450, IB 464, IB 467, IB 468, IB 476, IB 478, IB 479, IB 480, IB 483, IB 484, IB 487, IB 491, IB 496, IB 499	
Minimum 500-level Hours Required		12
	Courses to be chosen from the MS in IB approved list of courses below.	
	IB 501, IB 502, IB 504, IB 505, IB 506, IB 512, IB 513, IB 516, IB 524, IB 526, IB 542, IB 546, IB 590	
Total Hours Required		32

Other Requirements:

Grad Other Degree Requirements

Requirement	Description
Minimum Hours Required Within the Unit	8
Minimum GPA	3.0
Maximum hours of IB 590 allowed to count toward the MS in IB degree	6

Corresponding Degree	MS Master of Science

Program Features

Academic Level	Graduate

Does this major have transcripted concentrations?   No

What is the typical time to completion of this program?
  1 year

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

What is the required GPA?   3.0

CIP Code   260101 - Biology/Biological Sciences, General.

Is This a Teacher Certification Program?
         No

Will specialized accreditation be sought for this program?

  No

Delivery Method

This program is

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

Admission Requirements

Desired Effective Admissions Term   Fall 2022 ~~2021~~

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

Students entering the MS in IB program will be expected to have a completed Bachelor's degree from an accredited 4-year college or university with undergraduate coursework in biology, chemistry, physics, calculus and English composition. Applicants must have completed the last 60 hours of coursework with grades of B (3.0 on a scale of 1 to 4) or better. Deficiencies in these areas will require additional coursework, as necessary, for successful completion of the degree. Applications are reviewed holistically reviewing GPA and performance in courses, experiential opportunities (work, volunteer experiences, internships), personal statements that seek non-cognitive attributes such as work-ethic, leadership and service, as well as recommendation letters. ~~degree.~~ No GRE is required.

Describe how critical academic functions such as admissions and student advising are managed.

We currently have a Director ~~an Instructor ready to take on the directorship~~ of Graduate Studies for the ~~the~~ MS in IB program, who will coordinate admissions and advise students in the joint program. ~~This person will coordinate admissions and advise students in theprogram.~~She will also participate in instructing ~~delivering~~ the IB 592 ~~492~~ course which serves as an added layer of advisement, mentoring and career ~~advisement~~ support for these students. The director of the MS in IB program will report to the Associate Director of Academic Affairs in IB. Students still in their senior year will also continue to be advised through the SIB Advising Office.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

As no students are yet enrolled in this new program, there will be no impact on current enrollment. We are hopeful this revision will be in place for our first official cohort of students who begin courses in Fall 2022. Students who were originally required to take IB 492 will now be registering for IB 592 instead. No impact is expected on degrees awarded.

Estimated Annual Number of Degrees Awarded

Year One Estimate	5	5th Year Estimate (or when fully implemented)
	25	

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	The revision will not require any changes to staffing. All advising (such as course-selection mapping and career-readiness counseling) will be performed by the MS in IB director and the originally planned instructors for IB 492 are ready to instruct IB 592. As this proposed degree program is intended to be self-supporting, we do not intend to use tuition waivers in this program.We anticipate that most students in this program would be completing this degree in only 1-year, thus we do not foresee that students would be able to handle a full-time course load on top of a teaching assistantship.Thus, we anticipate the majority of these students will be paying tuition as full-time students.In addressing the lack of diversity often seen in STEM fields, we have an intent to offer some financial support to under-represented minorities after the program is in place for three years and is financially stable.

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

As we We have capacity in all our upper-level courses, we do not expect the need capacity to add seats to any course to serve enroll additional students in in all of our upper-level courses (46 400-level courses and 12 500-level courses), thus we will not be seeking additional support for this program. proposal. Additionally, we propose to cap this program at 30 students enrolled at any one time. These 30 students would then be spread across over 50 upper-level courses across multiple semesters. Thus, In addition, we do not see a need to increase the numbers offer an Online Master of faculty or TAs as essentially these seats are already being paid for Science Teaching (OMST) Biology Program designed to give practicing teachers the opportunity to earn a MS degree in the current costs Teaching of the courses. Biological Science. OMST courses in evolution, sustainability, genomics, bioinformatics, and emerging infectious diseases will be converted for a general audience to provide additional opportunities for 500-levelcoursework.

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?

> Yes

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

> As stated, the instructors currently planned to instruct IB 492 in Fall 2022 fully support this revision and are glad to have this clear denotation from IB's undergraduate career prep course, IB 292. In revising this course to be for graduate students only, these instructors will be able to better align the course with the needs of graduate students and their lengthy career portfolio projects. The MS in IB Director will continue to perform course-mapping, career prep, and other advising services. No impact on faculty is expected with this revision.

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 collections and services are adequate for the proposed program.

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	MS:Integrative Biology-UIUC
Program Code:	1PKS6936MS

Minor Code	Conc Code	Degree Code	MS	Major Code
6936				

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
Effective Date:	
Attached Document Justification for this request	

| Program Reviewer Comments | **Kathy Martensen (kmartens) (03/04/22 2:44 pm):** Administrative approval: Doesn't change total hours; doesn't restrict student choice. |

Comparative Table of Proposed Changes

MS in Integrative Biology

Current Requirements	Current Hours	Proposed Requirements	Proposed Hours
Core Curriculum Hours Required	12-24	Core Curriculum Hours Required	12-24
IB 492 Career and Skill Dev	2	IB 592 Career and Skill Development in Integrative Biology	2
At least one course from two of the following three IB disciplinary areas and one additional laboratory and/or field component. See link above for course list[1]		At least one course from two of the following three IB disciplinary areas and one additional laboratory and/or field component.	
Area 1: Organismal and Evolutionary Biology		Area 1: Organismal and Evolutionary Biology	
		IB 401, IB 461, IB 462, IB 463, IB 471	
Area 2: Behavior, Ecology and the Environment		Area 2: Behavior, Ecology and the Environment	
		IB 405, IB 431, IB 432, IB 439, IB 440, IB 443, IB 443, IB 444, IB 451, IB 452, IB 453, IB 481, IB 482, IB 485, IB 486, IB 494	
Area 3: Integrative anatomy, Physiology and Molecular Biology		Area 3: Integrative anatomy, Physiology and Molecular Biology	
		IB 420, IB 421, IB 426, IB 427, IB 472, IB 473	
Elective Hours Required	6-8	**Elective Hours Required**	6-8
Courses to be chosen from the MS in IB approved list of courses – see link above – or upon approval from the program director.		Courses to be chosen from the MS in IB approved list of courses below – or upon approval from the program director.	
		IB 411, IB 416, IB 436, IB 442, IB 447, IB 450, IB 464, IB 467, IB 468, IB 476, IB 478, IB 479,	

		IB 480, IB 483, IB 484, IB 487, IB 491, IB 496, IB 499	
Minimum 500-level Hours Required	12	**Minimum 500-level Hours Required**	12
Courses to be chosen from the MS in IB approved lists of courses – see link above.		Courses to be chosen from the MS in IB approved lists of courses below.	
		IB 501, IB 502, IB 504, IB 505, IB 506, IB 512, IB 513, IB 516, IB 524, IB 526, IB 542, IB 546, IB 590	
Total Hours Required	32	**Total Hours Required**	32
Other Requirements:			
Requirement		Description	
Minimum Hours Required Within in the Unit	8	Minimum Hours Required Within in the Unit	8
Minimum GPA	3.0	Minimum GPA	3.0
Maximum hours of IB 590 allowed to count toward the MS in IB degree	6	Maximum hours of IB 590 allowed to count toward the MS in IB degree	6
Grad Other Degree Requirements		Grad Other Degree Requirements	

ILLINOIS

Proposal for revised curricula (degree, major, concentration, minor)

Submit completed proposals via email to Associate Dean Stephen R. Downie (sdownie@illinois.edu). Please obtain Executive Officer and School Director (if applicable) approval via email and forward with the proposal to LAS.

Proposal Title: *(Please provide a brief and concise title for your proposal e.g. Establish A New Master of Science in Xxxx Studies (M.S. in X.S.), in the Department of Yyyy, College of Zzzz.)*

Update required MS in IB program required course to IB 592 from IB 492.

Sponsor(s): *(Please include name, title, and email address of a faculty member knowledgeable about the proposal who will serve as the primary contact for the proposal. This person must be authorized to make changes in the proposal on behalf of the department. In case of multiple units, give information for each unit.)*

Brian Allan, Acting Associate Director of Academic Affairs, School of Integrative Biology, ballan@illinois.edu

College contact: Stephen R. Downie, Interim Associate Dean for Curricula and Academic Policy, College of Liberal Arts and Sciences, sdownie@illinois.edu

In addition to the unit sponsor(s), who in the unit should be contacted if the College or campus has questions on the proposal?

Allison O'Dwyer, Director of Graduate Studies for MS in IB program, aodwyer@illinois.edu

Does this program have inter-departmental administration? Yes / No   If yes, list department. Please describe the oversight/governance for this program, e.g., traditional departmental/college governance. Inclusion of/roles of elected faculty committees? Inclusion of/roles of any advisory committees.

No.

PROGRAM DESCRIPTION and JUSTIFICATION

Proposed effective catalog term: *(Proposals may not be implemented until they go through all necessary levels of approval. Proposed changes may not be publicized as final on any web sites, printed documents, etc. until written confirmation of final approval is issued. For LAS units, a fall semester effective term for all curricula will be requested, please indicate the proposed year).*

Fall 2022.

1) **Provide a brief, concise description of your proposal.** For example, if proposing revisions to a curriculum, state specifically what is changing. Where applicable, note whether stated program changes include additional requirements in the form of prerequisite courses. Requests for curriculum revisions must be accompanied by a table which clearly outlines the current requirements and the proposed revisions. This information may be submitted as an appendix. See Appendix A for an example. Please provide pertinent information only.

Here we request to update the required MS in Integrative Biology (IB) course, IB 492 Career and Skill Development, to IB 592 Career and Skill Development.

2) **Why are these changes necessary?** Please include how your unit decided to revise this program and highlight of the program objectives when applicable.

Updating the required Career and Skill Development course will allow our MS in IB program to clearly denote the difference between this course for graduate students only and our similar course, IB 292 Career Success in IB. With the offering of IB 292, IB 492 is redundant for undergraduates. Additionally, IB 592 is tailored specifically for graduate students, requiring a significant, semester-long career portfolio project for post-MS and/or post-PhD plans that would not be appropriate for undergraduates. As the MS in IB program is still new and no students are currently enrolled yet (first cohort begins Fall 2022), these changes will not impact any current students.

3) In addition, please provide an answer as to how your undergraduate degree (120 hours of coursework) will satisfy this requirement: IBHE requires that all degree programs contain at least 40 credit hours in upper division courses. Upper division courses have been described as 300- and 400-level coursework and some 200-level courses in which multiple prerequisites are required.

This is a graduate degree program.

INSTRUCTIONAL RESOURCES

1) Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change? If yes, please describe.

IB 292 Career Success in IB has been offered for several years now and has consistent undergraduate enrollment. Through the analyses of IB 292 student evaluations, we learned that students found statistically significant gains in confidence to find and secure a career, to be able to make connections in their fields, and to apply resources learned to aid in their job searches and applications. This course will continue to be available to undergraduates and we are pleased to offer such a course specific to our graduate students as well.

In updating IB 492 to IB 592, instructors will be able to better tailor the course for graduate students only and thus allow a more meaningful exploration of post-MS and/or post-PhD plans. Additionally, as mentioned, the IB 592 course included a lengthy career portfolio project that is geared towards students

who are more advanced in their career planning than undergraduates may be at that point in their education.

2) Does the program include any required or recommended subjects that are offered by other departments? If yes, please list the courses. Explain how these additional courses will be used by the program and provide letters of support from the departments.

No.

PROGRAM REGULATION & ASSESSMENT

1) **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.

Learning Outcomes for the MS in IB Program:
1. Synthesize and apply core knowledge in interdisciplinary biological fields including anatomy, biochemistry, development, ecology, evolution, genetics, molecular biology, physiology, and/or systematics.
2. Apply predictive models to biological phenomena and engage with the process of scientific inquiry.
3. Critically evaluate and communicate complex, dynamic scientific information.
4. Employ curiosity, inquiry, quantitative reasoning, and critical thinking in problem solving.
5. Show leadership in using interdisciplinary strategies to solve global and local biological challenges.
6. Develop professional skills including ethics, proficiency in scientific writing and speaking, collaboration, and effective communication.

To assess and improve student learning, we will continue to provide learning outcomes in each course syllabus, and have instructors refer to them throughout the semester so students are aware of what they will be learning and why. Instructors will also provide an anonymous, mid-semester, student evaluation of each course. SIB courses also include a variety of formative and summative assessments in each course, with the latter including final exams, end-of-class projects, and written reports. We will employ ICES Online to provide an end-of-semester course/instructor evaluation. To better support students as they move through the program, we will meet individually with each student to review their progression through the program, any issues they might be experiencing with their courses, and to discuss whether they are achieving their learning and career goals. We also will provide an exit survey to all students graduating from the program to inquire about post-graduate destinations, whether the program prepared them adequately for these destinations, and their perception of the success of the program. Lastly, we will follow-up with alums of the program at 2 and 5-year intervals after graduation to determine placement rates into other academic programs or careers, their reflections on the knowledge and skills they have learned in the program, and how the program's learning outcomes prepared them for where they are now.

The Director of Graduate Studies of the MS in IB program will lead all program assessment work. An annual summary report will include a report of all assessment activities undertaken, as well as review

enrollment information, course progression, and time to degree completion. Assessment information will be shared with the SIB Associate Director of Academic Affairs, other members of the School's Executive Committee, the faculty instructors, the Alumni Mentoring Coordinator, and with the broader SIB faculty during the unit's annual meeting. Based on results of the assessment work, course curricula may be revised, learning outcomes modified, and student advising improved.

Depending upon the course, a variety of formative and summative assessments will take place, with grades, self, peer or faculty evaluations with feedback, and mid-semester and end-of-course anonymous evaluations all used to signify students have achieved the stated learning objectives. A minimum cumulative GPA of 3.0 (B average) in all courses taken is required to stay in the program.

Methods of evaluation used to improve the curriculum, instruction, and overall quality of the MS in IB program include many of those already being used to evaluate our existing undergraduate and departmental graduate programs. These methods include the results of the program's student learning assessment work (as outlined above); current student, employer, alumni, and other satisfaction survey results; numbers of students entering and graduating from the program; time-to-degree completion rates; and job placement, graduate school acceptance rates, and admission to professional schools. Any revisions to courses are approved by the units Courses and Curricula committee. The scheduling of courses, particularly those that are offered every other year, will be considered carefully so that their availability will not hamper time to graduation. The program's evaluation will be carried out internally by the director of the program and in consult with the School's Associate Director of Academic Affairs.

2) Is the career/profession for graduates of this program regulated by the State of Illinois? If yes, please describe.

No.

PROGRAM FEATURES

1) Will specialized accreditation be sought for this program? Yes / No   If yes, describe plans for seeking accreditation.

No.
2) If a proposal for a concentration

> **will you admit to the concentration directly?** Yes / No

> **is a concentration required for graduation?** Yes / No

N/A

3) If a proposal for a Minor
> **Is this minor:**
> o   A comprehensive study in a single discipline
> o   An interdisciplinary study focusing on a single theme
> o   Exception
> **Other than certification via the students' degree audits, is there any additional planned mechanism to award/honor successful completion of the minor?**

N/A

4) What is the typical time to completion of this program? (majors and grad programs only)

Note: grad certificates require at least 10 weeks. Other examples: BALAS= 4years, MA=2.5 years

Students may take up to 2-years to complete the program, but most will plan to finish in 1-year.

5) What are the minimum Total Credit Hours required for this program? (majors and grad programs only)

32-credit hours

6) For Grad Programs only: What is the required GPA?

3.0

DELIVERY METHOD

What is the program's primary delivery method, choose from following?

- On campus – Students are required to be on campus, they may take some online courses;
- *Online & On campus – 2 program types. Students can receive the entire program either on campus or online. Students can choose to take courses in either modality;
- *Online Only – The entire program is delivered online; students are not required to come to campus;
- *Blended – A single program in which students are required to take part of the curriculum on campus and another part in a different location or online.

On campus.

ADMISSION REQUIREMENTS (grad programs and undergraduate majors)

1) Desired admissions term: Fall 2022

Is this revision a change to the admission status of the program? *If yes explain.*
No.

2) 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. (degrees, majors, concentrations ONLY)

Students entering the MS in IB program will be expected to have a completed Bachelor's degree from an accredited 4-year college or university with undergraduate coursework in biology, chemistry, physics, calculus and English composition. Applicants must have completed the last 60 hours of coursework with grades of B (3.0 on a scale of 1 to 4) or better. Deficiencies in these areas will require additional

coursework, as necessary, for successful completion of the degree. Applications are reviewed holistically reviewing GPA and performance in courses, experiential opportunities (work, volunteer experiences, internships), personal statements that seek non-cognitive attributes such as work-ethic, leadership and service, as well as recommendation letters. No GRE is required.

3) Describe how critical academic functions such as admissions and student advising are managed.

We currently have a Director of Graduate Studies for the MS in IB program, who will coordinate admissions and advise students in the joint program. She will also participate in instructing the IB 592 course which serves as an added layer of advisement, mentoring and career support for these students. The director of the MS in IB program will report to the Associate Director of Academic Affairs in IB. Students still in their senior year will also continue to be advised through the SIB Advising Office.

ENROLLMENT (grad programs and undergraduate majors)

1) Describe how this revision will impact enrollment and degrees awarded.

As no students are yet enrolled in this new program, there will be no impact on current enrollment. We are hopeful this revision will be in place for our first official cohort of students who begin courses in Fall 2022. Students who were originally required to take IB 492 will now be registering for IB 592 instead. No impact is expected on degrees awarded.

2) Estimated Annual Number of Degrees Awarded

   Year 1: 0

   Year 5 (or when fully implemented): 5

3) What is the matriculation term for this program? Fall OR Spring/summer/other

Fall/Spring/Summer

ENROLLMENT (minors only)

Will the department limit enrollment to the minor Y/N? if yes, please explain

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

Are there any prerequisites for the minor?

Describe how this revision will impact enrollment and degrees awarded.

BUDGET

1) Please describe any budgetary implications for this revision- addressing applicable personnel, facilities, technology and supply costs.

No budgetary implications apply to this revision. MS in IB students will be taking courses already offered by faculty, all with available seats and resources.

2) Will the revision require staffing (faculty, advisors, etc.) beyond what is currently available? If yes, please describe.

The revision will not require any changes to staffing. All advising (such as course-selection mapping and career-readiness counseling) will be performed by the MS in IB director and the originally planned instructors for IB 492 are ready to instruct IB 592.

3) Please provide any additional budget information needed to effectively evaluate the proposal.

N/A

FINANCIAL RESOURCES

1) How does the unit intend to financially support this proposal?

As we have capacity in all our upper-level courses, we do not expect the need to add seats to any course to serve students in this program. Additionally, we propose to cap this program at 30 students enrolled at any one time. These 30 students would then be spread across over 50 upper-level courses across multiple semesters. Thus, we do not see a need to increase the numbers of faculty or TAs as essentially these seats are already being paid for in the current costs of the courses.

2) Will the unit need to seek campus or other external resources? If yes, please provide a summary of the sources and an indication of the approved support.

No.

3) 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) (degrees, majors, concentrations ONLY) *If this program requires a tuition or differential change, initiate a discussion with the LAS curricula contact, LAS budget officer, and LAS Associate Dean.*

No

4) Are you seeking a change in the tuition rate or differential for this program Y/N? If yes, please explain.

No.

RESOURCE IMPLICATIONS

1) Facilities- Will the program require new or additional facilities or significant improvements to already existing facilities? If yes, please outline the specific need and Year 1 and Year 5 cost.

No.

2) Technology- Will the program need additional technology beyond what is currently available for the unit? If yes, please outline the specific need and Year 1 and Year 5 cost.

No.

3) Non-Technical Resources- Will the program require additional supplies, services or equipment (non-technical)? If yes, please outline the specific need and Year 1 and Year 5 cost.

No.

RESOURCES

For each of these items, be sure to include in the response if the change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? ***Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.***

1) 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.

As stated, the instructors currently planned to instruct IB 492 in Fall 2022 fully support this revision and are glad to have this clear denotation from IB's undergraduate career prep course, IB 292. In revising this course to be for graduate students only, these instructors will be able to better align the course with the needs of graduate students and their lengthy career portfolio projects. The MS in IB Director will continue to perform course-mapping, career prep, and other advising services. No impact on faculty is expected with this revision.

2) 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 collections and services are adequate for the proposed program.

ACADEMIC CATALOG ENTRY

1) All academic catalog entries contain 2 tabs: *Overview* and *Degree Requirements*. All proposal revisions will include updates to the *Degree Requirements* tab- which notes the major requirements (courses, hours) for the proposed curricula. Please see the University of Illinois Academic Catalog- http://catalog.illinois.edu/ for your unit for an example of the entry. Below, provide the updated degree requirements, using the current entry as a model.

1.A) DEGREE REQUIREMENTS

MS in IB Requirements

The MS in IB program degree requires a minimum of two full-time semesters. Students may take up to two years to complete their degree.

For additional details and requirements refer to the MS in IB website and the Graduate College Handbook.

Code	Title	Hours
Core Curriculum Hours Required		**12-24**
_IB 592_ Career and Skill Development in Integrative Biology		2
At least one course from two of the following three IB disciplinary areas and one additional course with a laboratory and/or field component. See link above for course list. [1]		
Area 1: Organismal and Evolutionary Biology		
IB 401, IB 461, IB 462, IB 463, IB 471		
Area 2: Behavior, Ecology and the Environment		
IB 405, IB 431, IB 432, IB 439, IB 440, IB 443, IB 444, IB 451, IB 452, IB 453, IB 481, IB 482, IB 485, IB 486, IB 494		
Area 3: Integrative anatomy, Physiology and Molecular Biology		
IB 420, IB 421, IB 426, IB 427, IB 472, IB 473		
Elective Hours Required		**6-8**
Courses to be chosen from the MS in IB approved list of courses below- or upon approval from the program director.		
IB 411, IB 416, IB 436, IB 442, IB 447, IB 450, IB 464, IB 467, IB 468, IB 476, IB 478, IB 479, IB 480, IB 483, IB 484, IB 487, IB 491, IB 496, IB 499		
Minimum 500-level Hours Required		**12**
Courses to be chosen from the MS in IB approved list of courses below.		
IB 501, IB 502, IB 504, IB 505, IB 506, IB 512, IB 513, IB 516, IB 524, IB 526, IB 542, IB 546, IB 590		
Total Hours Required		**32**

Course List

[1]

 Other Requirements:

Requirement	Description
Minimum Hours Required Within the Unit	8
Minimum GPA	3.0
Maximum hours of IB 590 allowed to count toward the MS in IB degree	6

Grad Other Degree Requirements

1.B) If updates are needed for the Overview tab, please include those here-

No updates needed for Overview tab.

2) Include a comparative table of the current and proposed requirements.

Comparative Table of Proposed Changes

Current Requirements	Current Hours	Proposed Requirements	Proposed Hours
Core Curriculum Hours Required	12-24	Core Curriculum Hours Required	12-24
IB 492 Career and Skill Dev	2	IB 592 Career and Skill Development in Integrative Biology	2
At least one course from two of the following three IB disciplinary areas and one additional laboratory and/or field component. See link above for course list[1]		At least one course from two of the following three IB disciplinary areas and one additional laboratory and/or field component.	
Area 1: Organismal and Evolutionary Biology		Area 1: Organismal and Evolutionary Biology	
		IB 401, IB 461, IB 462, IB 463, IB 471	
Area 2: Behavior, Ecology and the Environment		Area 2: Behavior, Ecology and the Environment	
		IB 405, IB 431, IB 432, IB 439, IB 440, IB 443, IB 443, IB 444, IB 451, IB 452, IB 453, IB 481, IB 482, IB 485, IB 486, IB 494	
Area 3: Integrative anatomy, Physiology and Molecular Biology		Area 3: Integrative anatomy, Physiology and Molecular Biology	
		IB 420, IB 421, IB 426, IB 427, IB 472, IB 473	
Elective Hours Required	6-8	**Elective Hours Required**	6-8
Courses to be chosen from the MS in IB approved list of courses – see link above – or upon approval from the program director.		Courses to be chosen from the MS in IB approved list of courses below – or upon approval from the program director.	
		IB 411, IB 416, IB 436, IB 442, IB 447, IB 450, IB 464, IB 467, IB 468, IB 476, IB 478, IB 479, IB 480, IB 483, IB 484, IB 487,	

		IB 491, IB 496, IB 499	
Minimum 500-level Hours Required	12	**Minimum 500-level Hours Required**	12
Courses to be chosen from the MS in IB approved lists of courses – see link above.		Courses to be chosen from the MS in IB approved lists of courses below.	
		IB 501, IB 502, IB 504, IB 505, IB 506, IB 512, IB 513, IB 516, IB 524, IB 526, IB 542, IB 546, IB 590	
Total Hours Required	32	**Total Hours Required**	32
Other Requirements:			
Requirement		Description	
Minimum Hours Required Within in the Unit	8	Minimum Hours Required Within in the Unit	8
Minimum GPA	3.0	Minimum GPA	3.0
Maximum hours of IB 590 allowed to count toward the MS in IB degree	6	Maximum hours of IB 590 allowed to count toward the MS in IB degree	6
Grad Other Degree Requirements		Grad Other Degree Requirements	

Program Change Request

Date Submitted: 02/15/22 2:35 pm

Viewing: **3930 : Music: Choral Music, DMA**

Last approved: 12/06/19 4:21 pm

Last edit: 03/04/22 2:51 pm

Changes proposed by: Jenny Phillips

[Music: Choral Music, DMA](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. **U Program Review**
2. **1495 Head**
3. **KR Dean**
4. **University Librarian**
5. **Grad_College**
6. **Provost**
7. **Senate EPC**
8. Senate
9. U Senate Conf
10. Board of Trustees
11. IBHE
12. HLC
13. DMI

Approval Path

1. 02/15/22 3:39 pm
   Deb Forgacs
   (dforgacs):
   Approved for U
   Program Review
2. 02/15/22 9:17 pm
   Jeff Sposato
   (jsposato):
   Approved for 1495
   Head
3. 02/24/22 9:51 am
   Nicole Turner
   (nicturn):
   Approved for KR
   Dean
4. 02/24/22 9:54 am
   John Wilkin
   (jpwilkin):
   Approved for
   University
   Librarian
5. 02/25/22 1:32 pm
   Allison McKinney
   (agrindly):
   Approved for

Grad_College
6. 03/04/22 2:52 pm
Kathy Martensen
(kmartens):
Approved for
Provost

Concentration (ex. Dietetics)

This proposal is
for a:
Revision

Administration Details

Official Program
Name

Music: Choral Music, DMA

Sponsor College

Fine & Applied Arts

Sponsor
Department

Music

Sponsor Name

Reynold Tharp

Sponsor Email

reynold@illinois.edu

College Contact

Nicole Turner

College Contact
Email

nicturn@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term	Fall 2022

Provide a brief, concise description (not justification) of your proposal.

  Administrative approval to revise the Choral Music Concentration in the DMA in Music

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

Admin revision to remove footnotes and incorporate into degree table and catalog text

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

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).

These revisions will not impact the learning outcomes and assessments.

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   Attach a side-by-side comparison with the existing program

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
MUS 553	Graduate Orchestral Conducting	16
& MUS 563	and Topics in Choral Repertoire	
& MUS 565	and Doctoral Choral Conducting	
Advanced Music Literature		6-8
Cognate field or minor area		8
Electives selected in consultation with the student's advisor:		4-10
~~MUS 481~~	~~Course MUS 481 Not Found~~	
~~& MUS 450~~	~~and Course MUS 450 Not Found~~	
~~and electives 1~~		
Language Requirements: Courses taken to meet language requirements do not count toward the degree. See the department handbook for details.		
Thesis Hours or Doctoral Project Hours		
MUS 576	Doctoral Projects	4
MUS 599	Thesis Research	20
Final Exam/Dissertation Defense Required		
Dissertation Deposit Required		
Graduate Recital		

Program Relationships

Corresponding Program(s):

Corresponding Program(s)
Music, DMA

Program Features

Academic Level   Graduate

Is This a Teacher Certification Program?
                        No

Will specialized accreditation be sought for this program?

  No

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

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 will impact enrollment and degrees awarded.

  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

Is this program requesting self-supporting status?
                          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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

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.

no impact

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	Choral Music
Program Code:	3930

Minor Code		Conc Code	3930	Degree Code	AMUSD	Major Code
0265						

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
Effective Date:	
Attached Document Justification for this request	
Program Reviewer Comments	**Allison McKinney (agrindly) (02/25/22 1:32 pm):** Administratively approved by the Graduate College. **Kathy Martensen (kmartens) (03/04/22 2:51 pm):** Administrative approval: Doesn't change total hours; doesn't restrict student choice.

Key: 811

Program Change Request

Date Submitted: 02/15/22 2:06 pm

Viewing: **5111 : Music: Music Composition, DMA**

Last approved: 06/26/19 2:22 pm

Last edit: 03/04/22 2:53 pm

Changes proposed by: Jenny Phillips

Music: Music Composition, DMA

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. **U Program Review**
2. **1495 Head**
3. **KR Dean**
4. **University Librarian**
5. **Grad_College**
6. **Provost**
7. **Senate EPC**
8. Senate
9. U Senate Conf
10. Board of Trustees
11. IBHE
12. HLC
13. DMI

Approval Path

1. 02/15/22 3:35 pm
   Deb Forgacs
   (dforgacs):
   Approved for U
   Program Review
2. 02/15/22 9:17 pm
   Jeff Sposato
   (jsposato):
   Approved for 1495
   Head
3. 02/21/22 10:02
   am
   Nicole Turner
   (nicturn):
   Approved for KR
   Dean
4. 02/21/22 10:04
   am
   John Wilkin
   (jpwilkin):
   Approved for
   University
   Librarian
5. 02/24/22 2:29 pm
   Allison McKinney

(agrindly):
Approved for
Grad_College

6. 03/04/22 2:53 pm
Kathy Martensen
(kmartens):
Approved for
Provost

Concentration (ex. Dietetics)

This proposal is
for a:
Revision

Administration Details

Official Program Name	Music: Music Composition, DMA
Sponsor College	Fine & Applied Arts
Sponsor Department	Music
Sponsor Name	Reynold Tharp
Sponsor Email	reynold@illinois.edu
College Contact	Nicole Turner

College Contact
Email

nicturn@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?
No

Proposal Title

Effective Catalog Term   Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the Music Composition Concentration in the DMA in Music

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

Admin revision to remove footnotes and incorporate them into the degree table and catalog text.

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

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).

These revisions will not impact the learning outcomes and assessment of these outcomes.

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
MUS 506	Graduate Level Composition	12-16
Advanced Musicology - select 8 hours from the following (MUS 511, 512, 516, 519, 520, and 523 are particularly appropriate for DMS students pursuing a cognate in Musicology:		8
MUS 418	Regional Studies in Musicology (must enroll for 4 credits)	
MUS 511	Fdns/Methods of Musicology I	
MUS 512	Fdns/Methods of Musicology II	
MUS 516	Fieldwork and Ethnography	
MUS 517	Topics in Instrumental Music	
MUS 518	Regional Studies in Musicology	
MUS 519	Analytical Methods: Musicology	
MUS 520	Social Theory in Ethnomusicology	
MUS 521	Historical Studies in 20thC Music	
MUS 522	Special Topics Seminar	
MUS 523	Seminar in Musicology	
MUS 524	Seminar in Works of Select Composer	
Advanced Music Theory - select one course from each of the following two groups		6
MUS 408	Analysis of Musical Form (Section A-C)	
or MUS 400	Counterpoint and Fugue	
MUS 408	Analysis of Musical Form (Sections D-E)	
Cognate field or minor area		8-16
Electives (min/max applied toward degree): 1		6-10
Electives (min/max applied toward degree; only 4 hours of ensemble credits may count toward electives):		6-10
Language Requirements:		
Courses taken to meet language requirements do not count toward the degree. See the departmental handbook for details.		
Thesis Hours or Doctoral Project Hours Required – MUS 576/MUS 599 (min/max applied toward degree):		16
Final Exam/Dissertation Defense Required		

Code	Title	Hours
Dissertation Deposit Not Required		

Program Relationships

Corresponding
Program(s):

Corresponding Program(s)
Music, DMA

Program Features

Academic Level   Graduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

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

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 will impact enrollment and degrees awarded.

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

Is this program requesting self-supporting status?

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

For each of these items, be sure to include in the response if the proposed new program or change will result
in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty,
students, and instructional resources? Please attach any letters of support/acknowledgement from faculty,
students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

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.

No impact.

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	Music Composition
Program Code:	5111

Minor Code		Conc Code	5111	Degree Code		Major Code

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

Attached Document Justification for this request	
Program Reviewer Comments	**Allison McKinney (agrindly) (02/24/22 2:29 pm):** Administratively approved by the Graduate College. **Kathy Martensen (kmartens) (03/04/22 2:53 pm):** Administrative approval: Doesn't change total hours; doesn't restrict student choice.

<div align="right">Key: 533</div>

Program Change Request

Date Submitted: 02/15/22 2:16 pm

Viewing: **5117 : Music: Vocal Coaching & Accompanying, DMA**

Last approved: 06/26/19 2:22 pm

Last edit: 03/04/22 2:54 pm

Changes proposed by: Jenny Phillips

Music: Vocal Coaching & Accompanying, DMA

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. **U Program Review**
2. **1495 Head**
3. **KR Dean**
4. **University Librarian**
5. **Grad_College**
6. **Provost**
7. **Senate EPC**
8. Senate
9. U Senate Conf
10. Board of Trustees
11. IBHE
12. HLC
13. DMI

Approval Path

1. 02/15/22 3:39 pm
   Deb Forgacs
   (dforgacs):
   Approved for U
   Program Review
2. 02/15/22 9:17 pm
   Jeff Sposato
   (jsposato):
   Approved for 1495
   Head
3. 02/24/22 9:54 am
   Nicole Turner
   (nicturn):
   Approved for KR
   Dean
4. 02/24/22 10:04
   am
   John Wilkin
   (jpwilkin):
   Approved for
   University
   Librarian
5. 02/25/22 1:32 pm
   Allison McKinney
   (agrindly):

Approved for
Grad_College
6. 03/04/22 2:55 pm
Kathy Martensen
(kmartens):
Approved for
Provost

History

Concentration (ex. Dietetics)

This proposal is
for a:
  [Revision](#)

Administration Details

Official Program Name	Music: Vocal Coaching & Accompanying, DMA
Sponsor College	Fine & Applied Arts
Sponsor Department	Music
Sponsor Name	Reynold Tharp
Sponsor Email	reynold@illinois.edu
College Contact	Nicole Turner

College Contact Email

nicturn@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?
No

Proposal Title

Effective Catalog Term   Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the Vocal Coaching & Accompanying Concentration within the DMA in Music

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

Admin revision to remove footnotes and incorporate them into the degree table and catalog text. Add MUSC 507 to replace old rubric MUS 577.

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

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).

These revisions will not impact the learning outcomes and assessment of these outcomes.

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   ep1909.pdf
  Attach a side-by-side comparison with the existing program
  AND, if the revision references or adds "chose-from" lists of
  courses students can select from to fulfill requirements, a listing
  of these courses, including the course rubric, number, title, and
  number of credit hours.

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new
catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
~~MUS 577~~	~~Course MUS 577 Not Found~~	~~12-16~~
MUSC 507	Graduate Level Vocal Coaching	12-16
Advanced Musicology, select 8 hours from the following (MUS 511, 512, 516, 519, 520, and 523 are particularly appropriate for students pursuing a cognate in Musicology):		8
MUS 418	Regional Studies in Musicology (must enroll for 4 credits)	
MUS 511	Fdns/Methods of Musicology I	
MUS 512	Fdns/Methods of Musicology II	
MUS 516	Fieldwork and Ethnography 1	
MUS 517	Topics in Instrumental Music	
MUS 518	Regional Studies in Musicology	
MUS 519	Analytical Methods: Musicology	
MUS 520	Social Theory in Ethnomusicology	
MUS 521	Historical Studies in 20thC Music	
MUS 522	Special Topics Seminar	
MUS 523	Seminar in Musicology	
MUS 524	Seminar in Works of Select Composer	
Advanced Music Theory, select one from each of the following groups		6
MUS 408	Analysis of Musical Form (section A-C)	
or MUS 400	Counterpoint and Fugue	
MUS 408	Analysis of Musical Form (section D-E)	
Cognate field or minor area		8-16
~~Electives (min/max applied toward degree): 1~~		~~6-10~~
Electives selected in consultation with the student's advisor:		6-10
Language Requirements:		
Courses taken to meet language requirements do not count toward the degree. See the departmental handbook for details.		
Thesis Hours or Doctoral Project Hours Required – MUS 576/MUS 599 (min/max applied toward degree):		16

Program Relationships

Corresponding
Program(s):

Corresponding Program(s)
Music, DMA

Program Features

Academic Level   Graduate

Is This a Teacher Certification Program?
                              No

Will specialized accreditation be sought for this program?

  No

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

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 will impact enrollment and degrees awarded.

  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

Is this program requesting self-supporting status?

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

For each of these items, be sure to include in the response if the proposed new program or change will result
in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty,
students, and instructional resources? Please attach any letters of support/acknowledgement from faculty,
students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

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.

no impact

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	Vocal Coaching and Accompanying ~~Concentration~~
Program Code:	5117

Minor Code		Conc Code	5117	Degree Code	AMUSD	Major Code
0265						

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
Effective Date:	
Attached Document Justification for this request	

Program Reviewer **Allison McKinney (agrindly) (02/25/22 1:32 pm):** Administratively approved by

Comments   the Graduate College.

Kathy Martensen (kmartens) (03/04/22 2:54 pm): Administrative approval: Doesn't change total hours required; doesn't restrict student choice.

UNIVERSITY OF ILLINOIS
URBANA-CHAMPAIGN SENATE
(Final; Information)

EP.19.09 Report of Administrative Approvals at the September 17, 2018 meeting of the EPC.

Graduate Programs

Graduate Concentration in Information Technology and Control – Add the part-time Master of Business Administration (PMBA) to the list of programs participating in the Graduate Concentration in Information Technology and Control offered by the Department of Business Administration. The concentration requirements would remain unchanged and would be the same for the PMBA as they are for all previously-approved programs that participate in the concentration.

Graduate Concentration in Accountancy – Add the part-time Master of Business Administration (PMBA) to the list of programs participating in the Graduate Concentration in Accountancy offered by the Department of Accountancy. The concentration requirements would remain unchanged and would be the same for the PMBA as they are for all previously-approved programs that participate in the concentration.

Ph.D. in Music Education – 1) Replace MUS 536, Soc-Cultur Inquiry Music Learn (4 hours) with MUS 543, Music Teacher Education (4 hours) as a specifically-required course and 2) Move MUS 536 to the list of Music Education Electives from which students are to select a total of 6 hours. This revision stems from the current faculty's revised goals for the program, which place emphasis on preparing students as educators of music teachers. It does not alter the total number of hours required for the degree.

Doctor of Musical Arts (DMA), Music Composition Concentration; Performance and Literature Concentration; and Vocal Coaching and Accompanying Concentration – In these three concentrations, add MUS 522, Special Topics Seminar (4 hours), to the list of Advanced Musicology courses from which students are to select 8 hours. There is no change to the total hours required for the concentrations or for the degree.

Master of Arts in Spanish, Concentration in Spanish Literatures and Cultures – Revise the "Other Requirements" to replace the requirement of completing three comprehensive exams with the requirement of submitting a research paper.

Current -- **Other Requirements**		*Proposed* -- **Other Requirements**	
Requirement	**Description**	**Requirement**	**Description**
Other requirements may overlap		Other requirements may overlap	
A concentration is required		A concentration is required	
SPAN 571 is required of all teaching assistants		SPAN 571 is required of all teaching assistants	

Students must also complete three comprehensive exams on areas chosen in consultation with their advisors.			Students must also submit a research paper completed in consultation with their advisors.	
Minimum 500-level Hours Required Overall:	16		Minimum 500-level Hours Required Overall:	16
Minimum GPA:	3.0		Minimum GPA:	3.0

Undergraduate Programs

Bachelor of Science in Animal Sciences, all concentrations – Switch ANSC 306, Equine Science (3 hours) from the "Basic Science" list of courses from which students select 6 hours (all concentrations) to the "Applied Science" list of courses from which students select 6 hours in the Companion Animal and Equine Science Concentration and in the Science, Pre-Veterinary and Medical Concentration and 12 hours in the Food Animal Production and Management Concentration. In the Companion Animal and Equine Science Concentration, the course will remain in the specific course options where a student chooses one group (6 hours) from ANSC 206 and ANSC 306 or ANSC 250 and ANSC 307, and it will remain the case that the course cannot be used to meet more than one requirement.

This change does not alter the number of hours required for any of the concentrations or the total number of hours required for the degree.

~~**Undergraduate Minor in Business** – 1) Eliminate the currently-required admission application. Requirements to officially declare the minor will be sophomore standing and completion and submission of the university's Minor Declaration Form. 2) Eliminate restrictions on courses that count toward the minor such that non-business major/minor students will be able to register. Non-business major students who wish to register for courses that are part of the Business Minor will be expected to enroll in online sections of these courses when online sections are available. 3) Revise the prerequisites for Business Minor core courses such that CS 105, Intro Computing: Non-Tech (3 hours), MATH 234, Calculus for Business I (4 hours), and STAT 100, Statistics (3 hours) will no longer be required but instead presented as *recommended* courses. Only ECON 102, Microeconomics (3 hours) remains a prerequisite to the core course FIN 221, Corporate Finance (3 hours). Other prerequisites do continue to apply to certain Business Minor elective courses. Documentation of notification of the Departments of Computer Science, Mathematics, and Statistics is attached.~~

~~None of these changes impact the total number of hours required for the minor.~~

The item struck through above has been submitted as EP.19.10.

Program Change Request

Date Submitted: 02/15/22 2:44 pm

Viewing: **5118 : Music: Jazz Performance, DMA**

Last approved: 12/06/19 4:21 pm

Last edit: 03/04/22 2:57 pm

Changes proposed by: Jenny Phillips

[Music: Jazz Performance, DMA](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. **U Program Review**
2. **1495 Head**
3. **KR Dean**
4. **University Librarian**
5. **Grad_College**
6. **Provost**
7. **Senate EPC**
8. Senate
9. U Senate Conf
10. Board of Trustees
11. IBHE
12. HLC
13. DMI

Approval Path

1. 02/15/22 3:39 pm
   Deb Forgacs
   (dforgacs):
   Approved for U
   Program Review
2. 02/15/22 9:17 pm
   Jeff Sposato
   (jsposato):
   Approved for 1495
   Head
3. 02/24/22 9:55 am
   Nicole Turner
   (nicturn):
   Approved for KR
   Dean
4. 02/24/22 10:05
   am
   John Wilkin
   (jpwilkin):
   Approved for
   University
   Librarian
5. 02/25/22 1:32 pm
   Allison McKinney
   (agrindly):

Concentration (ex. Dietetics)

This proposal is
for a:
[Revision](#)

Administration Details

Official Program Name	Music: Jazz Performance, DMA
Sponsor College	Fine & Applied Arts
Sponsor Department	Music
Sponsor Name	[Reynold Tharp](#)
Sponsor Email	reynold@illinois.edu
College Contact	[Nicole Turner](#)

College Contact Email

nicturn@illinois.edu

College Budget Officer

College Budget Officer Email

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

Does this program have inter-departmental administration?
No

Proposal Title

Effective Catalog Term   Fall 2022

Provide a brief, concise description (not justification) of your proposal.

   Administrative approval to revise the Jazz Performance Concentration within the DMA
   in Music

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

   Why are these changes necessary?
                              Admin revision to remove footnotes and incorporate into degree table and catalog text.

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 the program include other courses/subjects impacted by the creation/revision of this program?
                              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).
                         These revisions will not impact learning outcomes.

   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   Attach a side-by-side comparison with the existing program

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
500 level major applied music		12-16
MUS 566	Course MUS 566 Not Found (sections DB1-VO2)	
Jazz Core Curriculum		10-12
MUS 499	Proseminar in Music (multiple sections)	
MUS 435	Jazz Aural Skills I	
MUS 436	Jazz Aural Skills II	
MUS 450	Course MUS 450 Not Found (multiple sections)	
MUS 462	Jazz Listening Seminar I	
MUS 463	Jazz Listening Seminar II	
MUS 464	Jazz History I	
MUS 465	Jazz History II	
MUS 504	Grad. Jazz Improv. I	
& MUS 508	and Grad. Jazz Improv. II	
MUS 548	Advanced Jazz Harmony I	
MUS 549	Advanced Jazz Harmony II	
MUS 574	Jazz Arranging III	
MUS 575	Jazz Arranging IV	
Ensembles (MUSC)		
Advanced Music Theory - Select one from the following options:		3
MUS 408	Analysis of Musical Form (D-E)	
or MUS 400	Counterpoint and Fugue	
Cognate field or minor area		8-16
Electives (min/max applied toward degree): 1		7
Electives selected in consultation with the student's advisor:		7
Ensembles		0-4
Language Requirements:		
Courses taken to meet language requirements do not count toward the degree. See the departmental handbook for details.		
Thesis Hours or Doctoral Project Hours Required – MUS 576/MUS 599 (min/max applied toward degree):		16
Graduate Recital		

Program Relationships

Corresponding
Program(s):

Corresponding Program(s)
Music, DMA

Program Features

Academic Level   Graduate

Is This a Teacher Certification Program?
                    No

Will specialized accreditation be sought for this program?

  No

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

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 will impact enrollment and degrees awarded.

  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

Is this program requesting self-supporting status?
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

For each of these items, be sure to include in the response if the proposed new program or change will result
in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty,
students, and instructional resources? Please attach any letters of support/acknowledgement from faculty,
students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

no impact

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	Jazz Performance
Program Code:	5118

Minor Code		Conc Code	5118		Degree Code	AMUSD		Major Code
0265								

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
Effective Date:	
Attached Document Justification for this request	

Program Reviewer   **Allison McKinney (agrindly) (02/25/22 1:32 pm):** Administratively approved by

Comments   the Graduate College.

Kathy Martensen (kmartens) (03/04/22 2:56 pm): Administrative approval: Does not change total hours; doesn't restrict student choice.

Program Change Request

Date Submitted: 03/04/22 8:02 am

Viewing: **10KS0261MFA : Dance, MFA**

Last edit: 03/09/22 9:18 am

Changes proposed by: Nicole Turner

Dance, MFA

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. **U Program Review**
2. **1801 Head**
3. **KR Dean**
4. **University Librarian**
5. **Grad_College**
6. **Provost**
7. **Senate EPC**
8. Senate
9. U Senate Conf
10. Board of Trustees
11. IBHE
12. HLC
13. DMI

Approval Path

1. 03/07/22 4:28 pm Deb Forgacs (dforgacs): Approved for U Program Review
2. 03/08/22 1:22 pm Jan Erkert (erkert): Approved for 1801 Head
3. 03/08/22 1:23 pm Nicole Turner (nicturn): Approved for KR Dean
4. 03/08/22 1:27 pm John Wilkin (jpwilkin): Approved for University Librarian
5. 03/09/22 7:24 am Allison McKinney (agrindly): Approved for Grad_College

Major (ex. Special Education)

This proposal is
for a:
   Revision

Administration Details

Official Program Name	Dance, MFA
Sponsor College	Fine & Applied Arts
Sponsor Department	Dance
Sponsor Name	Jan Erkert
Sponsor Email	erkert@illinois.edu
College Contact	Nicole Turner

College Contact
Email

   nicturn@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?
   No

Proposal Title

Effective Catalog Term	Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the MFA in Dance

Admin Revision to remove 'course not found' after course deactivations & removing footnote.

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

While fewer courses are listed, the focus area is offered as a section within other courses still offered (i.e. November and February Dance performances are no longer distinct classes, but sections in general performance courses).

The dance curriculum at the University of Illinois at Urbana-Champaign was designed over 50 years ago and was built on a conservatory model. Historically, conservatory models have been biased toward Ballet and Modern and were not concerned about providing context for the forms being studied. These models typically prioritize a 'one-size fits all' standard which no longer is valid in a contemporary culture that emphasizes diversity, equity, and inclusion, and is not reflective of the department's course offerings and faculty expertise and research directions.

The Re-Imagining Ad Hoc Committee advocates for a new curriculum that better reflects our academic context as a leading Land Grant Research One, Public University, a designation that requires us to prioritize inclusivity for all. We champion the support of a wide spectrum of dance research which will open possibilities for continued growth that follows and influences contemporary perspectives.

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

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).

The Dance Department expects MFA candidates to conduct a creative inquiry that leads to the development of a sophisticated sense of self-definition. Individual research and analysis should culminate in the development of a personal artistic process and mission and should be evident in the following contexts:

Choreographing- Candidates will develop a distinctive choreographic research methodology and demonstrate its skillful application in a performative context. This ideology must establish solid foundation for ongoing research and engagement that contributes to the global dialogue about dance and contemporary culture.

Communicating- Candidates will develop the ability to express their choreographic vision and process in verbal and written language that is clear, cogent, and convincing and demonstrates clear analytic skill, critical thinking, awareness of historical context, and knowledge of contemporary culture.

Moving- Candidates will demonstrate a commitment to movement investigation and practice that defines, advances, and sustains their choreographic vision.

Teaching-Candidates will apply their research vision in clear pedagogic principles while fostering a stimulating teaching/ learning environment.

Career Planning-Candidates are assessed on their ability to develop innovative career strategies in order to advance their artistic mission in the field and demonstrate the capacity to implement these plans with professionalism in all the above contexts.

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   10KS0261MFA Dance admin revision.docx
Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chose-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

The MFA Curriculum is designed to promote a candidate's progress through our stated objectives: Choreography, Communication, Moving, Teaching, and Career Planning. Included in these are courses in dance studies, somatics, pedagogy, and two semesters devoted to an innovative lab team taught by our faculty and designed in collaboration with students. The final year of study is devoted to synthesizing the above objectives evidenced by the production of the candidate's choreography, their written thesis document, oral presentation, and plans for propelling students' career into the professional sphere.
For additional details and requirements refer to the department's MFA Handbook and the Graduate College Handbook.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
Physical Practice, at least 2 hours through DANC 560		6
Historical and Theoretical Studies		8
DANC 510	Grad Seminar/Special Topics	
DANC 541	Contemporary Directions I	
DANC 542	Contemporary Directions II	
Composition		4
DANC 462	Composition Workshop	
DANC 562	Graduate Composition II	
Performance		2
DANC 420	Graduate Performance Practice	
DANC 421	Course DANC 421 Not Found	
DANC 422	Course DANC 422 Not Found	
DANC 423	Course DANC 423 Not Found	
DANC 424	Collaborative Performance	
Research/Project		8
DANC 598	Creative Thesis Project	
Graduate Synthesis Laboratory		8
DANC 520	Synthesis Laboratory	
Somatics in Dance Training		3
DANC 530	Somatics in Dance Training	
400/500 level elective course outside the Department of Dance in related area of research		4
Electives which may be taken in Dance or related areas of interest		17
Total Hours		60

Other Requirements 1

1
For additional details and requirements refer to the department's MFA Handbook and the Graduate College Handbook.

Grad Other Degree Requirements Single Column

Requirement
Other requirements may overlap

Requirement
Course work taken to completed undergraduate deficiencies will not receive graduate credit.
Residency requirement of three years (six semesters)
Minimum GPA: 2.75

Corresponding Degree	MFA Master of Fine Arts

Program Features

Academic Level	Graduate

Does this major have transcripted concentrations?	No

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

What are the minimum Total Credit Hours required for this program?
  60

What is the required GPA?	2.75

CIP Code	500301 - Dance, General.

Is This a Teacher Certification Program?
  No

Will specialized accreditation be sought for this program?

  No

Delivery Method

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

Admission Requirements

Desired Effective Admissions Term	Fall 2022

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.

Prerequisites for admission to the MFA program are:

An undergraduate degree and significant experience in dance is required.
Demonstrated choreographic achievement and potential to make innovative contributions to the field.
Demonstrated potential to engage in critical thinking and writing.
A minimum grade point average of 3.0 on a 4 point scale, computed from the last 60 hours of undergraduate work and any graduate work completed.
International students must be eligible for full status admission. International students who receive a TOEFL score greater than 103 on the internet-based test, 257 on the computer-based test, or 613 on the paper test are eligible for full status admission. Students with these scores are exempt from the English as a Second Language Placement Test. The GRE is not required.

Describe how critical academic functions such as admissions and student advising are managed.

department head: Jan Erkert
director of the MFA program: Sara Hook
overview of grad college admissions & requirements: https://grad.illinois.edu /admissions/apply

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

No impact

Estimated Annual Number of Degrees Awarded

Year One Estimate

5th Year Estimate (or when fully implemented)

What is the matriculation term for this program?
Fall

Budget

Are there budgetary implications for this revision?

No

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

No

Additional Budget
Information
Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

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

Attach letters of
support

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

Are you seeking a change in the tuition rate or differential for this
program?
No

Is this program requesting self-supporting status?
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

For each of these items, be sure to include in the response if the proposed new program or change will result
in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty,
students, and instructional resources? Please attach any letters of support/acknowledgement from faculty,
students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

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 the MFA Dance program revision.

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	MFA:Dance -UIUC
Program Code:	10KS0261MFA

Minor Code	Conc Code	Degree Code	Major Code
0261			

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	

HLC Approval Date	
Effective Date:	
Attached Document Justification for this request	
Program Reviewer Comments	**Allison McKinney (agrindly) (03/09/22 7:24 am):** Administratively approved by the Graduate College. **Kathy Martensen (kmartens) (03/09/22 9:17 am):** Administrative approval: Doesn't change total hours nor restrict student choice.

Key: 189

10KS0261MFA : Dance, MFA [current]

Physical Practice, at least 2 hours through DANC 560		6
Historical and Theoretical Studies		8
DANC 510	Grad Seminar/Special Topics	
DANC 541	Contemporary Directions I	
DANC 542	Contemporary Directions II	
Composition		4
DANC 462	Composition Workshop	
DANC 562	Graduate Composition II	
Performance		2
DANC 420	Graduate Performance Practice	
DANC 421	Performance in Grad Thesis II	
DANC 422	Perf Pract November II	
DANC 423	Perf Pract February II	
DANC 424	Collaborative Performance	
Research/Project		8
DANC 598	Creative Thesis Project	
Graduate Synthesis Laboratory		8
DANC 520	Synthesis Laboratory	
Somatics in Dance Training		3
DANC 530	Somatics in Dance Training	
400/500 level elective course outside the Department of Dance in related area of research		4
Electives which may be taken in Dance or related areas of interest		17
Total Hours		**60**

10KS0261MFA : Dance, MFA [proposed]

Physical Practice, at least 2 hours through DANC 560		6
Historical and Theoretical Studies		8
DANC 510	Grad Seminar/Special Topics	
DANC 541	Contemporary Directions I	
DANC 542	Contemporary Directions II	
Composition		4
DANC 462	Composition Workshop	
DANC 562	Graduate Composition II	
Performance		2
DANC 420	Graduate Performance Practice	
DANC 424	Collaborative Performance	
Research/Project		8
DANC 598	Creative Thesis Project	
Graduate Synthesis Laboratory		8
DANC 520	Synthesis Laboratory	
Somatics in Dance Training		3
DANC 530	Somatics in Dance Training	
400/500 level elective course outside the Department of Dance in related area of research		4
Electives which may be taken in Dance or related areas of interest		17
Total Hours		**60**

Other Requirements[1]

Other requirements may overlap
Course work taken to completed undergraduate deficiencies will not receive graduate credit.
Residency requirement of three years (six semesters)
Minimum GPA: 2.75

Other Requirements

[1] *For additional details and requirements refer to the department's MFA Handbook and the Graduate College Handbook.*

Program Change Request

Date Submitted: 02/24/22 2:24 pm

Viewing: **5080 : Medieval Studies - Floating**

Last approved: 10/18/19 5:01 pm

Last edit: 03/09/22 9:20 am

Changes proposed by: Andrea Ray

Catalog Pages
Using this
Program

[Medieval Studies Concentration](#)

Proposal Type:

Approval Path

1. 02/25/22 9:05 am Deb Forgacs (dforgacs): Approved for U Program Review
2. 02/25/22 4:14 pm Stephen Downie (sdownie): Approved for KV Dean
3. 02/25/22 4:19 pm John Wilkin (jpwilkin): Approved for University Librarian
4. 03/09/22 7:24 am Allison McKinney (agrindly): Approved for Grad_College
5. 03/09/22 9:22 am Kathy Martensen (kmartens): Approved for Provost

Concentration (ex. Dietetics)

This proposal is
for a:
Revision

Administration Details

Official Program Name	Medieval Studies - Floating
Sponsor College	Liberal Arts & Sciences
Sponsor Department	LAS Administration
Sponsor Name	Travis Dixon, Director of Graduate Studies, Department of Communication
Sponsor Email	tldixon@illinois.edu

College Contact   Stephen R. Downie   College Contact Email

sdownie@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Michelle Malloch (malloch@illinois.edu)

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term	Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the Medieval Studies Concentration

Removal of Medieval Studies Concentration from Communication curriculum

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

We are proposing the removal of the medieval concentration. Faculty recently voted to remove this from our curriculum. We no longer have any faculty in residence who do work in this area. In practice, we have no students taking this concentration. It's presence in our curriculum technically amounts to false advertising.

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

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).

N/A

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   Curricula Revised form Sept 2021-medieval studies removal.doc

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
Two graduate courses at the 400- or 500-level in Medieval Studies selected by the student and approved by the Advisory Board of Medieval Studies		6-8
MDVL 500	Seminar in Medieval Studies	4
Reading knowledge of a major international medieval language essential to the student's field of specialization, as determined by the student in consultation with a faculty supervisor and with the approval of the Director, as demonstrated by completion of a college-level course with a grade of B or better. Note: Students who fulfill this requirement by taking courses at the 200- or 300-level may be required to take additional coursework at the 400- and 500-level to meet the requirement of 24 hours of graduate-level coursework.		3-4
Reading knowledge of another medieval language with a minimum grade of B, or completion of a one-semester introductory course in a medieval language (such as FR 531 or ENGL 507) with a minimum grade of B, or an equivalent approved by the Medieval Studies Advisory Committee.		4
Thesis Hours Required (min/max applied toward degree)		6-8
Total Hours		24

Other Requirements

Grad Other Degree Requirements

Requirement	Description
Other requirements may overlap	
A dissertation or thesis in the area of Medieval Studies.	
A member of one of the cooperating departments external to the student's home department will be a member of the student's dissertation or thesis committee.	
In addition to the graduate concentration requirements, students must also complete the requirements of their major degree.	

Program Relationships

Corresponding

Program(s):

Corresponding Program(s)
Architecture, MARCH
Architecture, PhD
Art History, MA
Art History, PhD
Classical Philology, PhD
Classics, MA
~~Communication, MA~~
~~Communication, PhD~~
Comparative Literature, MA
Comparative Literature, PhD
East Asian Languages and Cultures, PhD
English, MA
English, PhD
French, MA
French, PhD
German, MA
German, PhD
History, MA
History, PhD
Italian, MA
Italian, PhD
Landscape Architecture, MLA
Landscape Architecture, PhD
Musicology, PhD
Philosophy, MA
Philosophy, PhD
Portuguese, MA
Portuguese, PhD
Spanish, MA
Spanish, PhD

Program Features

Academic Level   Graduate

Is This a Teacher Certification Program?
                        No

Will specialized accreditation be sought for this program?

No

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

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 will impact enrollment and degrees awarded.

   No impact to unit.

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

Is this program requesting self-supporting status?
                  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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

No impact to unit.

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 collections and services are adequate for the proposed program.

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices				
Banner/Codebook Name				
Program Code:	5080			
Minor Code		Conc Code	5080	Degree Code	Major Code

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

Effective Date:

Attached Document Justification for this request

Program Reviewer Comments

Allison McKinney (agrindly) (03/09/22 7:24 am): Administratively approved by the Graduate College.
Kathy Martensen (kmartens) (03/09/22 9:20 am): Administrative approval: Doesn't change total hours or restrict student choice within the concentration.

Key: 926

ILLINOIS

Proposal for revised curricula (degree, major, concentration, minor)

Submit completed proposals via email to Associate Dean Stephen R. Downie (sdownie@illinois.edu). Please obtain Executive Officer and School Director (if applicable) approval via email and forward with the proposal to LAS.

Proposal Title: *Removal of Medieval Studies Concentration from Communication curriculum*

Sponsor(s): *Travis Dixon, Director of Graduate Studies, Department of Communication (tldixon@illinois.edu) 217-244-2219*

College contact: Stephen R. Downie, Interim Associate Dean for Curricula and Academic Policy, College of Liberal Arts and Sciences, sdownie@illinois.edu

In addition to the unit sponsor(s), who in the unit should be contacted if the College or campus has questions on the proposal? Michelle Malloch (malloch@illinois.edu)

Does this program have inter-departmental administration? Yes / **No**   If yes, list department. Please describe the oversight/governance for this program, e.g., traditional departmental/college governance. Inclusion of/roles of elected faculty committees? Inclusion of/roles of any advisory committees.

PROGRAM DESCRIPTION and JUSTIFICATION

Proposed effective catalog term: *(Proposals may not be implemented until they go through all necessary levels of approval. Proposed changes may not be publicized as final on any web sites, printed documents, etc. until written confirmation of final approval is issued. For LAS units, a fall semester effective term for all curricula will be requested, please indicate the proposed year).*

1) **Provide a brief, concise description of your proposal.** For example, if proposing revisions to a curriculum, state specifically what is changing. Where applicable, note whether stated program changes include additional requirements in the form of prerequisite courses. Requests for curriculum revisions must be accompanied by a table which clearly outlines the current requirements and the proposed revisions. This information may be submitted as an appendix. See Appendix A for an example. Please provide pertinent information only*.*

We are proposing the removal of the medieval concentration. Faculty recently voted to remove this from our curriculum.

2) **Why are these changes necessary?** Please include how your unit decided to revise this program and highlight of the program objectives when applicable.

We no longer have any faculty in residence who do work in this area. In practice, we have no students taking this concentration. It's presence in our curriculum technically amounts to false advertising.

3) In addition, please provide an answer as to how your undergraduate degree (120 hours of coursework) will satisfy this requirement: IBHE requires that all degree programs contain at least 40 credit hours in upper division courses. Upper division courses have been described as 300- and 400-level coursework and some 200-level courses in which multiple prerequisites are required.

This is a graduate concentration and does not impact the undergraduate curriculum.

INSTRUCTIONAL RESOURCES

1) Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change? If yes, please describe.

No.

2) Does the program include any required or recommended subjects that are offered by other departments? If yes, please list the courses. Explain how these additional courses will be used by the program and provide letters of support from the departments.

N/A

PROGRAM REGULATION & ASSESSMENT

1) **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.

N/A

2) Is the career/profession for graduates of this program regulated by the State of Illinois? If yes, please describe.

No.

PROGRAM FEATURES

1) Will specialized accreditation be sought for this program? Yes / **No**   If yes, describe plans for seeking accreditation.

2) If a proposal for a concentration-

      will you admit to the concentration directly? Yes / **No**

      is a concentration required for graduation? Yes / **No**

3) If a proposal for a Minor-

      Is this minor:
- A comprehensive study in a single discipline
- An interdisciplinary study focusing on a single theme
- Exception

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

      N/A

4) What is the typical time to completion of this program? (majors and grad programs only)

      Note: grad certificates require at least 10 weeks. Other examples: BALAS= 4years, MA=2.5 years

MA's = 2 years; Ph.D.'s-5 years

5) What are the minimum Total Credit Hours required for this program? (majors and grad programs only) MA = 32 and PhD=96

6) For Grad Programs only: What is the required GPA? 3.0

DELIVERY METHOD

What is the program's primary delivery method, choose from following?

- **On campus – Students are required to be on campus, they may take some online courses;**
- *Online & On campus – 2 program types. Students can receive the entire program either on campus or online. Students can choose to take courses in either modality;
- *Online Only – The entire program is delivered online; students are not required to come to campus;
- *Blended – A single program in which students are required to take part of the curriculum on campus and another part in a different location or online.

*Describe the use of this delivery method:

ADMISSION REQUIREMENTS (grad programs and undergraduate majors)

1) Desired admissions term: Fall

Is this revision a change to the admission status of the program? *if yes explain.* ***No***

2) 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. (degrees, majors, concentrations ONLY)

A complete application file (for admission and financial aid) must include the following:

- **A completed online application form.** Important: In completing the application form, the program name is Communication and the Department Code is 1489. The Program Codes are 10KS5164MA for the master's degree and 10KS5164PHD for the doctoral degree.
- **Transcripts from all previous college- and university-level work.** Only after an offer of admission has been extended and accepted do applicants need to mail official transcripts; for the application process, only the transcripts that the applicant uploads are necessary.
- **Recommenders' contact information.** When you start your application, you will be asked to list the names of three recommenders; the system will then e-mail them with information about how to upload their letter. All letters must be uploaded by recommenders to the online application system; do not have recommenders mail or e-mail them to the program. Our graduate program application requires three academic letters of recommendation. Recommenders must also complete a short survey about your strengths and weaknesses as a candidate for graduate study in our department.
- **Academic statement of purpose.** Please use the Academic Statement of Purpose to describe (within 1000 words): (1) the substantive scholarly questions you are interested in exploring in graduate study, (2) your academic background, intellectual interests, and any training, research, or other experiences that have prepared you for graduate study, (3) how our program would help you achieve your intellectual goals, (4) any specific faculty members, if applicable, whose research interests align with your own interests, and (5) your professional goals.
- **Personal statement.** Please use the Personal Statement to describe (within 500 words) how your personal background and experiences influenced your decision to pursue a graduate degree. Provide insight on your potential to contribute to a community of inclusion, belonging, and respect in which scholars with diverse backgrounds, perspectives, abilities, and experiences can learn and collaborate productively and positively together. This statement should discuss why you want to go to graduate school and how you would contribute to our department's commitment to diversity. Click here to learn more about our department's perspective on diversity.
- **Writing sample.** Our application requires a sample of your scholarly writing (no longer than 25 double-spaced pages, excluding title, abstract, and references). This

sample should illustrate your best academic work. Students have the option to submit a term paper, an academic conference paper, an academic publication, or another form of scholarly product. The sample should begin with a brief introductory statement (max 100 words) describing the context under which you produced the sample (e.g., describing the nature of the assignment for which it was written, or identifying the conference to which it was accepted).

- **TOEFL Score.** For applicants from countries where English is not the primary language, we require scores on the Test of English as a Foreign Language (TOEFL).

3) Describe how critical academic functions such as admissions and student advising are managed. Admissions decisions are managed by the Graduate Admissions and Financial Aid committee and student advising is done by the graduate faculty.

ENROLLMENT (grad programs and undergraduate majors)

1) Describe how this revision will impact enrollment and degrees awarded. **It won't.**

2) Estimated Annual Number of Degrees Awarded

Year 1: 12

Year 5 (or when fully implemented):12

3) What is the matriculation term for this program?   Fall   OR   **Spring/summer/other**

ENROLLMENT (minors only)

Will the department limit enrollment to the minor Y/**N**? if yes, please explain

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

Are there any prerequisites for the minor? N/A

Describe how this revision will impact enrollment and degrees awarded**. It won't.**

BUDGET

1) Please describe any budgetary implications for this revision- addressing applicable personnel, facilities, technology and supply costs. N/A

2) Will the revision require staffing (faculty, advisors, etc.) beyond what is currently available? If yes, please describe. **No**

3) Please provide any additional budget information needed to effectively evaluate the proposal. N/A

FINANCIAL RESOURCES

1) How does the unit intend to financially support this proposal? N/A

2) Will the unit need to seek campus or other external resources? If yes, please provide a summary of the sources and an indication of the approved support. No

3) 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) (degrees, majors, concentrations ONLY) *If this program requires a tuition or differential change, initiate a discussion with the LAS curricula contact, LAS budget officer, and LAS Associate Dean. Graduate base tuttion*

4) Are you seeking a change in the tuition rate or differential for this program Y/N? If yes, please explain. No

RESOURCE IMPLICATIONS

1) Facilities- Will the program require new or additional facilities or significant improvements to already existing facilities? If yes, please outline the specific need and Year 1 and Year 5 cost.
 No

2) Technology- Will the program need additional technology beyond what is currently available for the unit? If yes, please outline the specific need and Year 1 and Year 5 cost.

No

3) Non-Technical Resources- Will the program require additional supplies, services or equipment (non-technical)? If yes, please outline the specific need and Year 1 and Year 5 cost.

NO

RESOURCES

For each of these items, be sure to include in the response if the change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? ***Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.***

1) 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.

2) 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 collections and services are adequate for the proposed program.

None

ACADEMIC CATALOG ENTRY

1) All academic catalog entries contain 2 tabs: *Overview* and *Degree Requirements*. **All proposal revisions will include updates to the** *Degree Requirements* **tab- which notes the major requirements (courses, hours) for the proposed curricula. Please see the University of Illinois Academic Catalog-** http://catalog.illinois.edu/ **for your unit for an example of the entry. Below, provide the updated degree requirements, using the current entry as a model.**

1.A) DEGREE REQUIREMENTS-

No difference here except removal of any mention of the Medieval Studies concentration

1.B) If updates are needed for the Overview tab, please include those here-

2) Include a comparative table of the current and proposed requirements.

Comparative Table of Proposed Changes

Current Requirements	Current Hours	Proposed Requirements	Proposed Hours
Medieval Concentration offered		No more Medieval Concentration	

Program Change Request

Date Submitted: 03/02/22 12:32 pm

Viewing: **10KR5720BFA : Art & Art History, BFA**

Last approved: 04/02/20 1:54 pm

Last edit: 03/04/22 2:29 pm

Changes proposed by: Melissa Pokorny

Catalog Pages
Using this
Program

[Art & Art History, BFA](#)

Proposal Type:

In Workflow

1. **U Program Review**
2. **1526 Head**
3. **KR Dean**
4. **University Librarian**
5. **Provost**
6. **Senate EPC**
7. Senate
8. U Senate Conf
9. Board of Trustees
10. IBHE
11. HLC
12. DMI

Approval Path

1. 03/02/22 3:12 pm Deb Forgacs (dforgacs): Approved for U Program Review
2. 03/02/22 3:40 pm Melissa Pokorny (mpokorny): Approved for 1526 Head
3. 03/02/22 3:41 pm Nicole Turner (nicturn): Approved for KR Dean
4. 03/02/22 6:35 pm John Wilkin (jpwilkin): Approved for University Librarian
5. 03/04/22 2:30 pm Kathy Martensen (kmartens): Approved for Provost

History

1. Mar 22, 2019 by Deb Forgacs (dforgacs)
2. Sep 3, 2019 by Nicole Turner (nicturn)
3. Apr 2, 2020 by Mark Avery (mavery)

Major (ex. Special Education)

This proposal is
for a:
Revision

Administration Details

Official Program Name	Art & Art History, BFA
Sponsor College	Fine & Applied Arts
Sponsor Department	Art and Design
Sponsor Name	Mark Avery
Sponsor Email	mavery@illinois.edu
College Contact	Nicole Turner

College Contact
Email

nicturn@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?
No

Proposal Title

Effective Catalog   Fall 2022

Term

Provide a brief, concise description (not justification) of your proposal.

  Administrative approval to revise the BFA in Art & Art History

  Add ARTJ courses to the list of elective rubrics in the A&D elective requirements.

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?
    The Japan House has multiple course offerings that are highly applicable to the BFA in Art and Art History.

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 the program include other courses/subjects impacted by the creation/revision of this program?
    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).
        NA

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Minimum required major and supporting course work: A minimum of 40 hours of upper-division coursework is required. Twelve (12) hours of 300- and 400-level courses in the major must be taken on this campus.

Art History Requirements

Course List

Code	Title	Hours
6 courses at the 200-400 level (3 credit hours each)		18

Students must take at least one course in three of the following areas: 1) Africa and the Middle East; 2) Asia; 3) the Americas; 4) Europe; Students must also take at least one course that covers material before 1700 and one course must cover material after 1700.

Though students must take a total of 6 courses, some courses may count toward the fulfillment of more than one area and period requirement. For instance, a course in 20th century African art could count as a class covering both Africa and the Middle East and material after 1700.

1. Africa and the Middle East

ARTH 310	African Art and Society I	
ARTH 312	Central African Art	
ARTH 313	Modern and Contemp African Art	
ARTH 410	West African Art and Ideas	
ARTH 413	Sacred African Diaspora Arts	
ARCH 222	Islamic Gardens & Architecture *	
LA 220	Exploring African Cities *	

2. Asia

ARTH 214	Art in China	
ARTH 402	Ways of Seeing in Edo Japan	
ARTH 403	Word and Image in Chinese Art	
ARTH 404	China through Film	
LA 218	S Asian Cultural Landscapes *	

3. The Americas

ARTH 242	Art Since 1940	
ARTH 250	American Art	
ARTH 260	Graffiti and Murals	
ARTH 342	Arts of Colonial Latin America	
ARTH 343	Arts of Modern Latin America	

4. Europe

Code	Title	Hours
ARTH 215	Greek Art	
ARTH 217	Development of Ancient Cities	
ARTH 218	Ancient Greek Sanctuaries	
ARTH 222	Medieval Art	
ARTH 230	Italian Renaissance Art	
ARTH 231	Northern Renaissance Art	
ARTH 235	Art, Power and Culture in 17th-Century Europe	
ARTH 241	Modern Art, 1880-1940	
ARTH 242	Art Since 1940	
ARTH 344	Spanish Modern Art	
ARTH 415	The Archaeology of Greece	
ARTH 416	The Archaeology of Italy	
ARTH 423	Romanesque Art	
ARTH 424	Gothic Art	
ARTH 430	Topics: Italian Art 1300-1500	
ARTH 431	Topics: Northern Art 1300-1500	
ARTH 432	Sixteenth-Century Italian Art	
ARTH 433	Fifteenth-Century Italian Art	
ARTH 435	Italian Baroque Art	
ARTH 436	17th-Century Dutch & Flemish Art	
ARTH 440	Romantic Art	
ARTH 443	The Russian Avant-Garde: Revolutionary Forms and Socialist Norms	
ARTH 445	European Art Between the Wars	
ARTH 447	France and Its Others	

At least one course must cover material before 1700

Code	Title	Hours
ARTH 215	Greek Art	
ARTH 217	Development of Ancient Cities	
ARTH 218	Ancient Greek Sanctuaries	
ARTH 222	Medieval Art	
ARTH 230	Italian Renaissance Art	
ARTH 231	Northern Renaissance Art	
ARTH 235	Art, Power and Culture in 17th-Century Europe	
ARTH 342	Arts of Colonial Latin America	
ARTH 360	Women and the Visual Arts	
ARTH 415	The Archaeology of Greece	
ARTH 416	The Archaeology of Italy	
ARTH 423	Romanesque Art	
ARTH 424	Gothic Art	
ARTH 430	Topics: Italian Art 1300-1500	
ARTH 431	Topics: Northern Art 1300-1500	
ARTH 432	Sixteenth-Century Italian Art	
ARTH 433	Fifteenth-Century Italian Art	
ARTH 435	Italian Baroque Art	
ARTH 436	17th-Century Dutch & Flemish Art	
ARCH 412	Medieval Architecture *	
ARCH 413	Renaissance Architecture *	
ARCH 414	Baroque & Rococo Arch *	

Code	Title	Hours
At least one course must cover material after 1700		
ARTH 211	Design History Survey	
ARTH 240	Art of the Nineteenth Century	
ARTH 242	Art Since 1940	
ARTH 257	History of Photography	
ARTH 260	Graffiti and Murals	
ARTH 300	Art Criticism and Writing	
ARTH 343	Arts of Modern Latin America	
ARTH 344	Spanish Modern Art	
ARTH 345	Realism to Postimpressionism	
ARTH 350	American Art 1750-1900	
ARTH 351	Early American Modernism	
ARTH 361	Contemporary Art	
ARTH 440	Romantic Art	
ARTH 443	The Russian Avant-Garde: Revolutionary Forms and Socialist Norms	
ARTH 445	European Art Between the Wars	
ARTH 447	France and Its Others	
ARCH 415	Modernity's Mirror: Nineteenth-Century Architecture 1750-1900 *	
ARCH 416	The Architecture of the United States, c.1650 to Present *	
ARCH 417	Modern and Contemporary Global Architecture *	
ARTH 450	Institutional Critique	
*With an advisor's approval, up to 6 credit hours of courses in the history of architecture or landscape architecture at the 200-400 may be taken towards the fulfillment of these required hours		
One Advanced art history course (300 or 400 level) not used elsewhere		
ARTH 342	Arts of Colonial Latin America	
ARTH 343	Arts of Modern Latin America	
ARTH 344	Spanish Modern Art	
ARTH 345	Realism to Postimpressionism	
ARTH 350	American Art 1750-1900	
ARTH 351	Early American Modernism	
ARTH 360	Women and the Visual Arts	
ARTH 415	The Archaeology of Greece	
ARTH 416	The Archaeology of Italy	
ARTH 423	Romanesque Art	
ARTH 424	Gothic Art	
ARTH 430	Topics: Italian Art 1300-1500	
ARTH 431	Topics: Northern Art 1300-1500	
ARTH 432	Sixteenth-Century Italian Art	
ARTH 433	Fifteenth-Century Italian Art	
ARTH 435	Italian Baroque Art	
ARTH 436	17th-Century Dutch & Flemish Art	
ARTH 440	Romantic Art	
ARTH 445	European Art Between the Wars	
ARTH 447	France and Its Others	
Total Hours		18

Course List

Code	Title	Hours

Code	Title	Hours
Two (2) seminars in Art History at the 400-level, chosen in consultation with the art history advisor.		6

Art & Design Requirements

Course List

Code	Title	Hours
4 ARTS or ARTD courses (at any level)		12
Seven (7) additional courses in the School of Art and Design (at any level), including courses with the following rubrics: ARTE, ARTD, ARTH, ARTJ or ARTS		21
Total Hours		33

Open Electives

Course List

Code	Title	Hours
Open electives as needed to total 122 hour degree.		

Course List

Code	Title	Hours
Total Hours required for graduation		122

Corresponding Degree

Program Features

Academic Level	Undergraduate
Does this major have transcripted concentrations?	No

What is the typical time to completion of this program?

eight semesters

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

122

CIP Code	500703 - Art History, Criticism and Conservation.

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Delivery Method

This program is available:

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

Admission Requirements

Desired Effective
Admissions Term

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.

Describe how critical academic functions such as admissions and student advising are managed.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

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   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

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

For each of these items, be sure to include in the response if the proposed new program or change will result
in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty,
students, and instructional resources? Please attach any letters of support/acknowledgement from faculty,
students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

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.

No impact

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	BFA:Art & Art History - UIUC
Program Code:	10KR5720BFA

Minor Code	Conc Code	Degree Code	BFA	Major Code
5720				

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

Effective Date:

Attached Document Justification for this request

Program Reviewer **Kathy Martensen (kmartens) (03/04/22 2:28 pm):** Administrative approval:

Comments   Doesn't change total hours required; doesn't restrict student choice.

Program Change Request

Date Submitted: 02/25/22 9:55 am

Viewing: **10KV5313BSLA : Earth, Society, & Environmental Sustainability, BSLAS**

Last approved: 03/30/19 5:10 pm

Last edit: 03/04/22 2:41 pm

Changes proposed by: Andrea Ray

Catalog Pages Using this Program	[Earth, Society, & Environmental Sustainability: Science of the Earth System (SES), BSLAS](#) [Earth, Society, & Environmental Sustainability: Society and the Environment (SAE), BSLAS](#)

Proposal Type:

In Workflow

1. **U Program Review**
2. **1901 Head**
3. **KV Dean**
4. **University Librarian**
5. **Provost**
6. **Senate EPC**
7. Senate
8. U Senate Conf
9. Board of Trustees
10. IBHE
11. HLC
12. DMI

Approval Path

1. 02/25/22 10:10 am
   Deb Forgacs (dforgacs): Approved for U Program Review
2. 02/25/22 10:18 am
   Jonathan Tomkin (tomkin): Approved for 1901 Head
3. 02/25/22 10:27 am
   Stephen Downie (sdownie): Approved for KV Dean
4. 02/25/22 10:28 am
   John Wilkin (jpwilkin): Approved for University Librarian
5. 03/04/22 2:43 pm

Major (ex. Special Education)

This proposal is for a:
Revision

Administration Details

Official Program Name	Earth, Society, & Environmental Sustainability, BSLAS
Sponsor College	Liberal Arts & Sciences
Sponsor Department	Earth, Society, and Environment Courses
Sponsor Name	Jonathan Tomkin, Director of Undergraduate Studies
Sponsor Email	tomkin@illinois.edu
College Contact	Stephen R. Downie - BEM
College Contact Email	

sdownie@illinois.edu

College Budget Officer

College Budget Officer Email

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

Does this program have inter-departmental administration?
No

Proposal Title

Effective Catalog Term	Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the BSLAS in Earth, Society, & Environmental Sustainabiligy

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?
Updating rubric GEOG to GGIS effective Fall 2022.

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 the program include other courses/subjects impacted by the creation/revision of this program?
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).
N/A

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   Attach a side-by-side comparison with the existing program
AND, if the revision references or adds "chose-from" lists of
courses students can select from to fulfill requirements, a listing

of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

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

Minimum required major and supporting course work: Normally equates to 48-58 hours. Twelve hours of 300- and 400-level in the major must be taken on this campus. Substitutions may be made with advisor approval.

Minimum hours required for graduation: 120 hours.

Course List

Code	Title	Hours
~~ESES Introductory Core: Students take one approved introductory or advanced course from at least four of the following five areas. Approved courses within these areas are available from the ESE advisor 1~~		~~12-14~~
ESES Introductory Core		12-14
	Students take one approved introductory or advanced course from at least four of the following five areas.	
	Earth's Biosphere and Ecology	
~~ESE coursework~~		~~6~~
	~~GEOG 379~~ ~~Course GEOG 379 Not Found~~	
	ESE 111, GEOL 143, IB 100, IB 103, IB 105, IB 150, MCB 150, NRES 105, UP 205	
	Earth's Physical Systems, Resources, and Hazards	
	ATMS 100, ATMS 120, ATMS 201, GEOL 100, GEOL 107, GEOL 117, GEOL 118, GGIS 103, GGIS 222	
	Environment and the Human Response	
	ACE 210, ACE 251, GGIS 106, HIST 202, REL 270, RST 242, SOC 160	
	Sustainability, Policy, and Global Change	
	ANTH 278, ATMS 140, CPSC 215, GEOL 208, LA 250, NPRE 101, NPRE 201, PS 224, PS 225, SOC 270	
	Visualizing the Earth System	
	ATMS 207, GGIS 105	
ESE coursework		7
	ESE 200	Earth Systems	

Code	Title	Hours
GGIS 379	Introduction to Geographic Information Systems	
Advanced Courses		15-20

A minimum of five 300- and 400-level courses (from the list below) and in an academically coherent program approved by the advisor, are required. Courses taken to satisfy the "ESE Introductory Core" requirement cannot simultaneously be used to satisfy the Advanced Course requirement. It is strongly recommended that students complete the LAS requirement with 21 hours of 300- or 400-level courses related to the ESE curriculum.

At least three of these five advanced courses must be listed or cross-listed as an ESE or ENSU course.

Earth's Biosphere & Ecology

ESE 439, HORT 430, IB 405, IB 440, IB 444, IB 447, IB 451, IB 452, IB 453, IB 461, IB 485, NRES 348, NRES 419, NRES 420, NRES 431

Earth's Physical Systems, Resources, & Hazards

ABE 436, ATMS 420, CEE 330, CHEM 360, ENSU 302, ESE 320, ESE 333, ESE 411, ESE 445, ESE 470, ESE 486, GEOL 380, GEOL 401, GEOL 450, GEOL 451, GEOL 460, GGIS 401, GGIS 406, GGIS 408, MSE 489, NRES 351

Environment & the Human Response

AGCM 330, AGCM 430, CHLH 469, ENG 315, ENGL 476, ENSU 301, ESE 311, ESE 360, ESE 389, GGIS 350, GGIS 384, GGIS 455, GGIS 483, GGIS 495, GGIS 496, LA 314, LA 430, LA 450, NRES 340, NRES 472, SOC 447

Sustainability, Policy, and Global Change

ACE 310, ACE 406, ACE 411, ATMS 307, ATMS 447, ATMS 449, CPSC 336, CPSC 415, CPSC 431, ENSU 303, ENSU 310, ENSU 410, ESE 410, ESE 465, ESE 466, ESE 482, ETMA 311, LA 370, NPRE 480, NRES 325, NRES 424, NRES 426, NRES 439, UP 405, UP 446, UP 456, UP 480

Visualizing the Earth System

ATMS 305, ESE 421, ESE/GGIS 380, GGIS 371, GGIS 412, GGIS 460, GGIS 468, GGIS 476, GGIS 477, GGIS 479, NRES 427, NRES 454, UP 418

1 *OR in the ESE School office OR at http://www.earth.illinois.edu/students/guides*

Corresponding Degree	BSLAS Bachelor of Science in Liberal Arts and Sciences

Program Features

Academic Level	Undergraduate
Does this major have transcripted concentrations?	No

What is the typical time to completion of this program?

4 years

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

120

CIP Code	304101 - Environmental Geosciences.

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Delivery Method

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

Admission Requirements

Desired Effective   Fall 2022 2018
Admissions Term

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.

Describe how critical academic functions such as admissions and student advising are managed.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

  No impact to unit.

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

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

For each of these items, be sure to include in the response if the proposed new program or change will result
in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty,
students, and instructional resources? Please attach any letters of support/acknowledgement from faculty,
students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

No impact to unit.

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 collections and services are adequate for the proposed program.

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	BSLAS: Earth,Soc,Env Sust-UIUC
Program Code:	10KV5313BSLA

Minor Code	Conc Code	Degree Code	BSLAS	Major Code
5313				

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval

Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer   **Deb Forgacs (dforgacs) (02/15/22 5:00 pm):** Rollback: broken link.
Comments   **Deb Forgacs (dforgacs) (02/25/22 8:57 am):** Rollback: CIP code.
                     Kathy Martensen (kmartens) (03/04/22 2:40 pm): Administrative approval: No
                     change to total hours required; does not restrict student choice.

Program Change Request

Date Submitted: 03/02/22 11:19 am

Viewing: **List: UG-LAS-TEACH-FOREIGN : Curricula Preparatory to Teach Foreign Languages Course List**

Last approved: 06/12/20 11:07 am

Last edit: 03/15/22 10:02 am

Changes proposed by: Andrea Ray

Foreign Language Teaching

Catalog Pages Using this Program	

Proposal Type:

In Workflow

1. **U Program Review**
2. **1670 Head**
3. **KV Dean**
4. **University Librarian**
5. **COTE Programs**
6. **Provost**
7. **Senate EPC**
8. Senate
9. U Senate Conf
10. Board of Trustees
11. IBHE
12. HLC
13. DMI

Approval Path

1. 03/02/22 3:09 pm Deb Forgacs (dforgacs): Approved for U Program Review
2. 03/02/22 3:17 pm Andrea Ray (aray): Approved for 1670 Head
3. 03/02/22 3:34 pm Stephen Downie (sdownie): Approved for KV Dean
4. 03/02/22 6:36 pm John Wilkin (jpwilkin): Approved for University Librarian
5. 03/03/22 2:01 pm Brenda Clevenger (bmclvngr): Approved for COTE Programs

History

1. Sep 18, 2019 by
Deb Forgacs
(dforgacs)
2. Jun 12, 2020 by
Deb Forgacs
(dforgacs)

Concentration (ex. Dietetics)

This proposal is
for a:
Revision

Administration Details

Official Program Name	Curricula Preparatory to Teach Foreign Languages Course List
Sponsor College	Liberal Arts & Sciences
Sponsor Department	Liberal Arts and Sciences
Sponsor Name	Andrea Ray /Brenda Clevenger
Sponsor Email	aray@illinois.edu / bmclvngr@illinois.edu

College Contact   Stephen R. Downie   College Contact
                                                    Email

sdownie@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?
                No

Proposal Title

Effective Catalog Term — Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative Approval: Revision to update the program based on the Council of Teacher Education recommendation. See changes in the Program of Study area below.

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

Revision to update the program based on the Council of Teacher Education recommendation.

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

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).

N/A

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Curricula Preparatory to Teach Foreign Languages

Prerequisite ~~Prerequisite~~to application to the Teaching program: ~~Option~~ GPA of ~~or~~ 2.5 in all Spanish content courses in the major. Contact ~~intended majors of French, German, Latin, Spanish, and East Asian Languages and Cultures (Chinese and Japanese); completion of or concurrent enrollment in FLTE 471 and three courses at~~ the Foreign Language Teacher Education Program for information: ~~200-level or higher in the intended language.~~ https://flte.illinois.edu/

~~Curricula Preparatory to Teach Foreign Languages The College of Liberal Arts and Sciences offers curricula for the preparation of teachers of French , German , Latin , and Spanish and concentrations in East Asian Languages and Cultures for the teaching of Japanese and Mandarin Chinese.Illinois law and Council on Teacher Education policy require that prior toadmission.~~In order to remain in good standing in this program ~~Illinois law~~ and be recommended for licensure, candidates are required to maintain UIUC, cumulative, content area, ~~Council on Teacher Education policy require that all candidates pass the Illinois Certification Testing System test of Basic Skills~~ and professional education, grade-point averages of 2.5 (A+= 4.0). Candidates should consult ~~all candidates for certification in Modern Languages pass an oral proficiency test in~~ their advisor or the Council on Teacher Education for the list of courses used to compute these grade-point averages. ~~content major language prior to student teaching.~~

Illinois law requires all candidates for licensure in World Languages pass the appropriate language content-area test prior ~~Curricula Preparatory~~ to student teaching, and receive a minimum score ~~Teach Foreign LanguagesThe College~~ of "intermediate high" on an oral proficiency test in their content major language prior to licensure. ~~Liberal Arts and Sciences offers curricula for the preparation of teachers of French, German, Latin, and Spanishand concentrations in East Asian Languages and Cultures for the teaching of Japanese and Mandarin Chinese.~~

Departmental distinction: To be eligible for departmental distinction, a ~~A~~ student must have a minimum ~~at least 2.5 (A+ = 4.0) cumulative and University of Illinois~~ grade point average of 3.0, display exceptional ~~averages to remain in the~~ teaching ability, and complete an approved project or series of projects. ~~option.~~ Consult the Spanish departmental advisor for details.

~~A student must also maintain at least a 2.5 grade point average in all attempts at content area and pedagogy courses taken at the University of Illinois in order to remain in the teachingoption.E-mail:flte@illinois.eduPrerequisite to application to the Teaching Option GPA or 2.5 in all content courses in the intended majors of French, German, Latin, Spanish, and East Asian Languages and Cultures (Chinese and Japanese); completion of or concurrent enrollment~~

~~in FLTE 471 and three courses at the 200-level or higher in the intendedlanguage.Completion of Basic SkillsTest.~~**General** <u>education:</u> ~~Education Requirements:~~ <u>Students must complete the Campus General Education requirements including the campus general education language requirement.</u>

<u>Minimum required major and supporting course work:</u> <u>Minimum required course work normally equates to 33-36 hours in Teaching Area of Concentration and 33 hours of professional education courses.</u>

Course List

Code	Title	Hours
FLTE 471	Introduction to Second Language Teaching	4
FLTE 475	Learning to Teach World Language	4
FLTE 478	Secondary World Language Teaching (In the fall semester, students enroll for 3 hours. In the spring semester, students enroll for 1 hour)	4
EPS 201	Foundations of Education	3
EPSY 201	Educational Psychology	3
SPED 405	General Educator's Role in Special Education	3
EDPR 442	Educational Practice in Secondary Education	12
Total Hours		33

~~Students in the Foreign Language Teaching Curricula of French, German, Latin, Spanish and in the East Asian Languages and Cultures Concentration Preparatory for the Teaching of East Asian Languages will be expected to complete the Campus General Education requirements (including the campus general education language requirement) as well as the following specific programmatic requirements:Communication:RHET 105 or 108 and CMN 101 or a speech performance elective, and one course approved by the university as satisfying the Composition II requirement.Alternatively, students may complete CMN 111 and 112 and one course satisfying the Composition II requirement.NOTE:Some departments specify particular courses within their major to satisfy the Composition II requirement.American History:One course (LAS Historical and Philosophical Perspectives Category) American Government:One course (LAS Social Sciences Category) Literature and the Arts:One course chosen from the LAS Literature and the Arts Category that is outside the student's major area.A course in health and physical development is recommended.~~

~~1~~

~~In the fall semester, students enroll for 3 hours with instruction occurring in the first 10 weeks. In the spring semester, students enroll for 1 hour with instruction occurring in the first 4 weeks.~~

Program Relationships

Corresponding Program(s):

Corresponding Program(s)
Teaching of French, BA
Teaching of German, BA
Teaching of Latin, BA
Teaching of Spanish, BA

Program Features

Academic Level	Undergraduate

Is This a Teacher Certification Program?
Yes

Will specialized accreditation be sought for this program?

No

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

This is not a codebook coded concentration.

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 will impact enrollment and degrees awarded.

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

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

Attach letters of support

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

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 collections and services are adequate for the proposed program

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook
Name

Program Code: List: UG-LAS-TEACH-FOREIGN

Minor	Conc	Degree	Major
Code	Code	Code	Code

Senate Approval
Date

Senate
Conference
Approval Date

BOT Approval
Date

IBHE Approval
Date

HLC Approval
Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer   **Kathy Martensen (kmartens) (03/04/22 2:47 pm):** Administrative approval:
Comments   Doesn't change total hours required nor restrict student choice.

Key: 751

Program Change Request

Date Submitted: 03/03/22 4:25 pm

Viewing: **10KL5895BS : Metropolitan Food & Environmental Systems, BS**

Last approved: 01/06/22 1:17 pm

Last edit: 03/04/22 4:35 pm

Changes proposed by: Megan Dailey

Metropolitan Food & Environmental Systems, BS

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. **U Program Review**
2. **1306 Head**
3. **1733 Committee Chair**
4. **1733 Head**
5. **KR Dean**
6. **KL Committee Chair**
7. **KL Dean**
8. **University Librarian**
9. **Provost**
10. **Senate EPC**
11. Senate
12. U Senate Conf
13. Board of Trustees
14. IBHE
15. HLC
16. DMI

Approval Path

1. 03/03/22 4:40 pm
   Deb Forgacs
   (dforgacs):
   Approved for U
   Program Review
2. 03/03/22 5:20 pm
   Anna Ball (aball):
   Approved for 1306
   Head
3. 03/04/22 10:10
   am
   Alice Novak
   (novak2):
   Approved for 1733
   Committee Chair
4. 03/04/22 10:34
   am
   Rolf Pendall
   (rpendall):
   Approved for 1733

Head

5. 03/04/22 10:36 am
Nicole Turner (nicturn):
Approved for KR Dean

6. 03/04/22 2:54 pm
Brianna Gregg (bjgray2):
Approved for KL Committee Chair

7. 03/04/22 2:57 pm
Anna Ball (aball):
Approved for KL Dean

8. 03/04/22 4:18 pm
John Wilkin (jpwilkin):
Approved for University Librarian

9. 03/04/22 4:38 pm
Kathy Martensen (kmartens):
Approved for Provost

History

1. May 18, 2020 by Megan Dailey (mdailey5)
2. Jan 6, 2022 by Megan Dailey (mdailey5)

Major (ex. Special Education)

This proposal is for a:
Revision

Administration Details

Official Program Name   Metropolitan Food & Environmental Systems, BS

Sponsor College   Agr, Consumer, & Env Sciences

Sponsor Department	Agricultural, Consumer and Environmental Sciences		
Sponsor Name	Megan Dailey		
Sponsor Email	mdailey5@illinois.edu		
College Contact	Anthony (Tony) Yannarell	College Contact Email	
	acyann@illinois.edu		
College Budget Officer			
College Budget Officer Email			

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

Does this program have inter-departmental administration?
Yes

Interdisciplinary Colleges and Departments (list other colleges/departments which are involved other than the sponsor chose above)
Please describe the oversight/governance for this program, e.g., traditional departmental/college governance. Inclusion of/roles of elected faculty committees? Inclusion of/roles of any advisory committees.

College	Fine & Applied Arts
Department	Urban & Regional Planning

Is there an additional department involved in governance?
No

Proposal Title

Effective Catalog Term	Spring 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the BS in Metropolitan Food & Environmental Systems

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

> Catalog Review
> NRES 100 was put in place of NRES 102 because NRES 100 is for non-NRES majors and NRES 102 is for NRES majors.
> ACE 262 was also replaced with STAT 100 because ACE 262 does not qualify for a General Education Quant requirement. We have received approval from the Department of Statistics to do so.

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

> 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).

> N/A

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Megan Dailey, Ph.D., Director
215 Mumford Hall
1301 W. Gregory Dr., Urbana
PH: (217) 244-5567
mdailey5@illinois.edu

The Metropolitan Food and Environmental Systems (MFST) program uses an interdisciplinary approach to understanding and implementing solutions in the area of urban food and environmental systems to ensure the sustainability of readily available nutritious foods for metropolitan populations. The students in this major will learn to understand the science and practice of food production and security across urban environmental, economic, social, and health contexts, while maintaining environmental sustainability. Students in this program will be prepared for jobs in impact areas related to food systems, such as government, non-governmental organizations, institutional food buyers, investment firms, financial and insurance companies, industry, retail, and food service. Alternatively, students may choose to pursue post-baccalaureate education, including law school and graduate school in food systems or in specific areas of the food system. Because the MFST curricula includes required training in STEM education, critical thinking, scientific literacy, communication and leadership, students will obtain the skills necessary to traverse an ever-changing job market and have the freedom to choose from many career-life options.

A minimum of 127 credit hours are required for graduation, including General Education Requirements and the MFST Core Curriculum. Because the core curriculum includes many College of Agricultural, Consumer and Environmental Sciences (ACES) departmental course requirements, the students in MFST have the unique opportunity to minor in many of the ACES departments or to delve deeper into a food system area of interest in addition to the core courses, including (but not limited to) advanced nutrition, plant or animal production, food processing, food safety, environmental sustainability, climate change, or landscape architecture.

Statement for Programs of Study Catalog

Prescribed Courses including Campus General Education

Course List

Code	Title	Hours
Composition I		4
RHET 105	Writing and Research	
Advanced Composition		3
LEAD 230	Leadership Communications	
Cultural Studies		9
LEAD 340	Leadership Ethics & Society: Addressing Contemporary Challenges (US Minority)	
ACE 251	The World Food Economy (Non-Western)	
or CPSC 116	The Global Food Production Web	
	Western - select one course from campus approved list	

Code	Title	Hours
Humanities & the Arts		6
ETMA 311	Humanity in the Food Web	
	Select one course from campus approved list	
Natural Science and Technology		8
CHEM 102	General Chemistry I	
& CHEM 103	and General Chemistry Lab I	
CHEM 104	General Chemistry II	
& CHEM 105	and General Chemistry Lab II	
Quantitative Reasoning I		3-5
	Select one course from campus approved list	
Quantitative Reasoning II		3-4
~~ACE 262~~	~~Applied Statistical Methods and Data Analytics I~~	
~~or CPSC 241~~	~~Intro to Applied Statistics~~	
CPSC 241	Intro to Applied Statistics	3
or STAT 100	Statistics	
Social & Behavioral Sciences		7
ACE 100	Introduction to Applied Microeconomics	4
ACE 255	Economics of Food and Environmental Justice	3
ACES Prescribed		
ACES 101	Contemporary Issues in ACES for freshman only	2

Core Curriculum

Course List

Code	Title	Hours
Required Introductory Courses		6
ACES 102	Intro Sustainable Food Systems	3
MFST 101	Experiencing Food Systems	3
Understanding Abiotic-Biotic Interactions Necessary for Food		14-15
ANSC 100	Intro to Animal Sciences	4
CPSC 112	Introduction to Crop Sciences	3 or 4
or HORT 100	Introduction to Horticulture	
~~NRES 102~~	~~Introduction to NRES~~	~~3~~
NRES 100	Fundamentals of Env Sci	3
NRES 201	Introductory Soils	4
Human Nutrition		
FSHN 120	Contemporary Nutrition	3
or FSHN 220	Principles of Nutrition	
Economics I and II		7
ACE 100	Introduction to Applied Microeconomics (fulfills SBS requirement)	4
ACE 255	Economics of Food and Environmental Justice (fulfills SBS requirement)	3
Food Production I and II - Choose two from the following list:		5-8
ANSC 301	Food Animal Production, Management, and Evaluation	
ANSC 309	Meat Production and Marketing (If you take ANSC 309, you must take a 4-hour upper-level course here or from another list)	
ANSC 400	Dairy Herd Management	
ANSC 401	Beef Production	
ANSC 402	Sheep and Goat Production	

Code	Title	Hours
ANSC 403	Pork Production	
ANSC 404	Poultry Science	
CPSC 418	Crop Growth and Management	
CPSC 437	Principles of Agroecology	
HORT 341	Greenhouse Mgmt and Production	
HORT 360	Vegetable Crop Production	
HORT 421	Horticultural Physiology	
HORT 435	Urban Food Production	
NRES 488	Soil Fertility and Fertilizers	
Urban Planning I - Choose one from the following list:		3
UP 101	Introduction to City Planning	
UP 116	Urban Informatics I	
UP 136	Urban Sustainability	
UP 203	Cities: Planning & Urban Life	
UP 204	Chicago: Planning & Urban Life	
UP 205	Ecology & Environmental Sustainability	
UP 260	Social Inequality and Planning	
Urban Planning II - Choose one from the following list:		3-4
UP 330	The Modern American City	
UP 340	Planning for Healthy Cities	
UP 345	Economic Development Planning	
UP 405	Watershed Ecology and Planning	
UP 406	Urban Ecology	
UP 473	Housing & Urban Policy	
UP 475	Real Estate Development Fundamentals	
Policy I - Choose one from the following list:		3
ACE 199	Undergraduate Open Seminar (Food Ag & Pol)	
ACE 291	Ag Policy & Leadership	
ACE 292	Farm, Food & Environmental Policy	
UP 211	Local Planning, Gov't and Law	
Policy II - Choose one from the following list:		3-4
ACE 306	Food Law	
ACE 403	Agricultural Law	
ACE 406	Environmental Law	
ACE 410	Energy Economics	
ACE 411	Environment and Development	
ACE 456	Agr and Food Policies	
NRES 424	US Environ, Justic & Policy	
UP 407	State and Local Public Finance	
Technology I - Choose one from the following list:		2-4
ABE 141	ABE Principles: Biological	
ABE 223	ABE Principles: Machine Syst	
ABE 224	ABE Principles: Soil & Water	
ABE 225	ABE Principles: Bioenvironment	
ABE 226	ABE Principles: Bioprocessing	
ANSC 110	Life With Animals and Biotech	
CPSC 212	Introduction to Plant Protection	

Code	Title	Hours
CPSC 261	Biotechnology in Agriculture	
CPSC 265	Genetic Engineering Lab	
CPSC 266	Data in Biology and Agriculture	
ETMA 232	Materials and Construction Sys	
ETMA 234	Wiring, Motors and Control Sys	

Technology II - Choose one from the following list: 2-3

Code	Title
ANSC 409	Meat Science
CPSC 408	Integrated Pest Management
CPSC 426	Weed Mgt in Agronomic Crops
CPSC 428	Weed Science Practicum (If you take CPSC 428, you must take a 4-hour upper-level course from another list)
CPSC 491	Ugrad Bioinformatics Seminar (Intro to R Programming - if you take CPSC 491, you must take a 4-hour upper-level course from another list)
FSHN 460	Food Processing Engineering
FSHN 465	Principles of Food Technology
FSHN 469	Package Engineering
ETMA 352	Land and Water Mgt Systems
ETMA 371	Residential Housing Design
ETMA 372	Environ Control & HVAC Systems
ETMA 430	Project Management
ETMA 435	Elec Computer Ctrl Sys
ETMA 438	Renewable Energy Applications
ETMA 465	Chemical Applications Systems
ETMA 467	Precision Agric Technology
ETMA 486	Grain Bioprocessing Coproducts

Advanced Scientific Literacy - Choose one from the following list: 3-4

Code	Title
ACE 431	Agri-food Strategic Management
ANSC 444	Applied Animal Genetics
ANSC 448	Math Modeling in Life Sciences
CPSC 440	Applied Statistical Methods I
FSHN 428	Community Nutrition
HDFS 420	Inequality, Public Policy, and U.S. Families
HDFS 461	Family Life Education
NRES 421	Quantitative Methods in NRES
NRES 427	Modeling Natural Resources
NRES 340	Environ Social Sci Res Meth
UP 316	Urban Informatics II
UP 418	GIS for Planners
UP 443	Scenarios, Plans & Future Cities
UP 457	Small Town/Rural Planning Workshop
UP 478	Community Development Workshop

Social Ecology - Choose one from the following list: 3

Code	Title
ACE 335	Food Marketing and Behavior
HDFS 420	Inequality, Public Policy, and U.S. Families
NRES 428	Valuing Nature

Social Impact in Practice - Choose one from the following list: 3-9

Code	Title
LEAD 480	Collaborative Leadership

Code	Title	Hours
HDFS 494	Applied Research Methods	
MFST 450	Social Impact Learning Experience (MFST 450 & MFST 397 can only equal a total of 12 hours)	
Experiential Learning Series		7-16
MFST 301	Experiential Learning Preparedness & Planning	1
MFST 397	Experiential Learning	3 to 9
MFST 401	Experiential Learning Review and Reflection	3
Capstone		3
MFST 498	Metropolitan Food & Environmental Systems Capstone	3
Total hours		127

Corresponding Degree	BS Bachelor of Science

Program Features

Academic Level	Undergraduate
Does this major have transcripted concentrations?	No

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

What are the minimum Total Credit Hours required for this program?
  127

CIP Code	010000 - Agriculture, General.

Is This a Teacher Certification Program?
              No

Will specialized accreditation be sought for this program?

  No

Delivery Method

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

Admission Requirements

Desired Effective Admissions Term	Fall 2020

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.

For incoming freshman, admission into the program requires 1) strong math and science coursework & performance, 2) an interest in improving society through food and environmental systems, 3) leadership experience and commitment to activities. There are no minimum required test scores.

Transfer student admission requires a minimum GPA of 2.5.
Sophomore-level transfer admission requires the completion of equivalent transfer coursework to the following UIUC courses and graduation requirements:
Composition: RHET 105 Writing and Research
Quantitative Reasoning I: STAT 100 Statistics and MATH 112 Algebra or higher
Natural Sciences & Technology: CHEM 102 and 103 General Chemistry I and General Chemistry Lab I
Humanities: 1 course following General Education Requirement
Social & Behavioral Sciences: a course in Political Science, Government, Policy, Psychology, or Sociology
Language other than English

Junior-level transfer admission requires the completion of all equivalent transfer coursework listed above for Sophomore-level transfer admission and the following UIUC courses and graduation requirements:
Quantitative Reasoning II: MATH 220, 221, or 234 Calculus, Calculus I, or Calculus for Business I
Natural Sciences & Technology: CHEM 104 and 105, General Chemistry II and General Chemistry Lab II
Social & Behavioral Sciences: ECON 102 or ACE 100 Microeconomics or Ag, Consumer & Resource Econ AND a course in Political Science, Government, Policy, Psychology, or Sociology
Cultural Studies: 1 course that satisfies the Western/Comparative Cultures General Education Requirement
Completion of transferable coursework in the following areas is highly recommended: Environmental Sciences, Human Nutrition, Plant Biology, Horticulture, Technology.

Describe how critical academic functions such as admissions and student advising are managed.

The Director, who is a 100%-time specialized faculty in MFST, with the assistance of future specialized faculty within the MFST program, will manage student advising and any on-campus recruitment responsibilities. Admissions will be handled by Cory Ohms, an Assistant Dean in the College of ACES Academic Programs Office.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

NA

Estimated Annual Number of Degrees Awarded

Year One Estimate   0   5th Year Estimate (or when

fully implemented)   50

What is the
matriculation
term for this
program?
  Fall

Budget

Are there budgetary implications for this revision?	No

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

Please explain/describe:	Because the program will be administered within the College of ACES Academic Programs Office, the existing facilities and staff will be made available. Beyond these existing resources, a Director (100% FTE, non-TT), specialized faculty (50% FTE, non-TT), and graduate assistants (50% FTE) will be used for critical academic functions related to the program. The Director and specialized faculty will mange student advising, any on-campus recruitment responsibilities, teaching MFST courses, and any other responsibilities not handled by ACES Office of Academic Programs staff.
Additional Budget Information	The College of ACES received funding from UIUC's Investment for Growth Program to develop the MFST degree program and hire the Director, specialized faculty, and graduate teaching assistants. By 2022, the program is projected to be funded solely by tuition and instructional unit revenue.

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?
    The College of ACES received funding from UIUC's Investment for Growth Program to develop and initiate the MFST degree program (see attached Budget). By 2022, the program is projected to be funded solely by tuition and instructional unit revenue. Several proposed courses currently exist, and will continue to be housed outside of the MFST rubric, which will provide helpful revenue to these participating units (see attached Letter of Support). Since ACES expects ~25 students enrolled per class year for several years, we do not expect MFST students to be an enrollment burden for these units.

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

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

NA

Library Resources

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

NA

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	BS:Met Food & Enviro Sys -UIUC
Program Code:	10KL5895BS

Minor Code		Conc Code		Degree Code	BS	Major Code	
5895							

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
Effective Date:	
Attached Document Justification for this request	

Program Reviewer Comments	**Deb Forgacs (dforgacs) (01/11/22 4:04 pm):** Rollback: requested. **Brianna Gregg (bjgray2) (01/19/22 4:06 pm):** Rollback: ACE 261 no longer offered **Kathy Martensen (kmartens) (03/04/22 4:34 pm):** Administrative approval: No change to total hours; doesn't restrict student options.

Program Change Request

Date Submitted: 03/02/22 3:42 pm

Viewing: **5132 : Biomolecular Engineering <u>Minor, UG</u> ~~Minor~~**

Last edit: 03/07/22 1:24 pm

Changes proposed by: Andrea Ray

Biomolecular Engineering Minor

Catalog Pages Using this Program

Proposal Type:

Approval Path

1. 03/03/22 1:14 pm
   Deb Forgacs
   (dforgacs):
   Approved for U
   Program Review
2. 03/03/22 4:43 pm
   Melissa Michael
   (mmichae):
   Approved for 1415
   Head
3. 03/03/22 4:44 pm
   Melissa Michael
   (mmichae):
   Approved for
   SMCB Head
4. 03/07/22 11:31
   am
   Stephen Downie
   (sdownie):
   Approved for KV
   Dean
5. 03/07/22 11:47
   am
   John Wilkin
   (jpwilkin):

Approved for
University
Librarian
6. 03/07/22 1:27 pm
Kathy Martensen
(kmartens):
Approved for
Provost

Minor (ex. European Union Studies)

This proposal is
for a:
Revision

Administration Details

Official Program Name	Biomolecular Engineering Minor, UG ~~Minor~~
Sponsor College	Liberal Arts & Sciences
Sponsor Department	Molecular and Cellular Biology
Sponsor Name	Christy Bowser
Sponsor Email	cbowser@illinois.edu
College Contact	Stephen R. Downie - BEM

College Contact
Email

sdownie@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?
No

Proposal Title

Effective Catalog Term	Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to Revise the Undergraduate Biomolecular Engineering Minor

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

Updating course listing according to new guidance from campus. Weblinks are being phased out in this area since courses are not updated when changes are made due to course audits.

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

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).

No impact to unit.

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 sponoring 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?

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
Minor Course Requirements		
CHBE 221	Principles of CHE	3
CHEM 232	Elementary Organic Chemistry I	3
~~Biomolecular Engineering Electives 1~~		~~9~~
~~Technical Electives 2~~		~~3~~
MCB 450	Introductory Biochemistry	3
Biomolecular Engineering Electives		9
Choose 3 from the following: CHBE 471, CHBE 472, CHBE 473, CHBE 474, CHBE 475, CHBE 476, CHBE 478, CHBE 497, CHBE 499		
Technical Electives		3
Choose 1 from the following: ABE 436, ABE 483, ABE 488, BIOE 414, BIOE 415, BIOE 476, ECE 467, ECE 480, MSE 470, MSE 473, MSE 474, TAM 461		
Total Hours		21

~~1~~

~~Students must take at least three "Biomolecular Engineering" courses offered by the Department of Chemical and Biomolecular Engineering (for example, including CHBE 471%7C, CHBE 472%7C, CHBE 473%7C, and CHBE 474%7C). Students may obtain a current list of courses that may be used to satisfy this requirement in Room 99 RAL.~~

~~2~~

~~Course to be selected from a departmentally approved list of biomolecular engineering related technical electives.~~

Program Features

Academic Level   Undergraduate

Is this minor?
  A Comprehensive study in a single discipline

Is This a Teacher Certification 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

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 impact to unit.

Are there any prerequisites for the proposed minor?
                         No

Describe how this revision will impact enrollment and degrees awarded.

  No impact to unit.

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?
<u>No</u>

Attach letters of
support

Resource Implications

Facilities

Will the program require new or additional facilities or significant
improvements to already existing facilities?
<u>No</u>

Technology

Will the program need additional technology beyond what is currently
available for the unit?
<u>No</u>

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?

<u>No</u>

Resources

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

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 collections and services are adequate for the proposed program.

EP Documentation

EP Control   EP.22.113
Number

Attach

Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	Biomolecular Engineering
Program Code:	5132

Minor Code	5132	Conc Code		Degree Code		Major Code

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
Effective Date:	
Attached Document Justification for this request	
Program Reviewer Comments	**Kathy Martensen (kmartens) (03/07/22 1:25 pm):** Administrative approval: Does not change total hours; doesn't restrict student choice.

Program Change Request

Date Submitted: 03/02/22 11:23 am

Viewing: **10KV0297BA : Teaching of Spanish, BA**

Last approved: 03/02/21 3:55 pm

Last edit: 03/07/22 2:38 pm

Changes proposed by: Andrea Ray

	[Teaching of Spanish, BA](#)
Catalog Pages Using this Program	

Proposal Type:

Approval Path

1. 03/02/22 3:16 pm
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 03/03/22 12:08 pm
Melissa Bowles
(bowlesm):
Approved for 1585
Head
3. 03/03/22 12:41 pm
Luisa-Elena
Delgado
(ldelgado):
Approved for SLCL
Head
4. 03/07/22 11:26 am
Stephen Downie
(sdownie):
Approved for KV
Dean

5. 03/07/22 11:47 am
John Wilkin (jpwilkin): Approved for University Librarian
6. 03/07/22 2:01 pm Brenda Clevenger (bmclvngr): Approved for COTE Programs
7. 03/07/22 2:48 pm Kathy Martensen (kmartens): Approved for Provost

History

1. Mar 26, 2019 by Deb Forgacs (dforgacs)
2. Mar 2, 2021 by Amy Elli (amyelli)

Major (ex. Special Education)

This proposal is for a:
Revision

Administration Details

Official Program Name	Teaching of Spanish, BA
Sponsor College	Liberal Arts & Sciences
Sponsor Department	Spanish & Portuguese
Sponsor Name	Melissa Bowles ~~Ann Abbott, Director of Spanish Undergrduate Studies~~
Sponsor Email	bowlesm@illinois.edu ~~arabbott@illinois.edu~~
College Contact	Stephen R. Downie ~~Kelly Ritter~~

College Contact Email

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

College Budget

Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?
No

Proposal Title

Effective Catalog Term   Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the BA in Teaching of Spanish

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?
FLTE 478 was changed to 1-3 hours and approved in Fall 2016. Updating course information for the major.

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

> This part of the Spanish BAT program is undertaken by the Foreign Language Teacher Education program and its Director. ~~Director, Pamm Greene.~~ Attached, please find the Spanish BAT's Student Learning Objectives and Program Assessment template.

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

> Yes

If yes, please describe.

> Yes. Successful Spanish BAT students become Spanish teachers, and the profession is regulated by the Illinois State Board of Education

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Prerequisite to application to the Teaching program
GPA of 2.5 in all Spanish content courses in the major.
Contact the Foreign Language Teacher Education Program for information: https://flte.illinois.edu/

In order to remain in good standing in this program and be recommended for licensure, candidates are required to maintain UIUC, cumulative, content area, and professional education, grade-point averages of 2.5 (A+= 4.0). Candidates should consult their advisor or the Council on Teacher Education for the list of courses used to compute these grade-point averages.

Illinois law requires all candidates for licensure in World Languages pass the appropriate language content-area test prior to student teaching, and an oral proficiency test in their content major language prior to licensure.

Departmental distinction: To be eligible for departmental distinction, a student must have a minimum grade point average of 3.0, display exceptional teaching ability, and complete an approved project or series of projects. Consult the Spanish departmental advisor for details.

Study Abroad: It is strongly recommended that future teachers of Spanish engage in one or more semesters of study in a Spanish-speaking country. A number of the curricular requirements may be met through the Year Abroad Program or other approved programs; see Study Abroad Programs.

Statement for Programs of Study Catalog

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

Minimum required major and supporting course work: Minimum required course work normally equates to 33-36 hours in Teaching Area of Concentration and 33 hours of professional education courses.

Minimum hours required for graduation: 127 hours.

Course List

Code	Title	Hours
Core Spanish Courses		
SPAN 228	Spanish Composition	3
SPAN 477	Spanish Grammar and Communicative Language Teaching	3
27-30 additional hours of coursework in SPAN at the 200, 300, and/or 400 level, including at least two literature and culture courses and at least two linguisitics courses, chosen from among the following: SPAN 250, 252, 254, 303, 305, 307, 308, 309, 310, 312, 318, 320, 324, 326, 395, related		27-30

Code	Title	Hours
SPAN 299 or SPAN 399 study abroad courses, or related SPAN 400-level courses with advisor approval.		
Core Professional Education Courses		
FLTE 471	Introduction to Second Language Teaching	4
FLTE 475	Learning to Teach World Language	4
FLTE 478	Secondary World Language Teaching	1-3

(In the fall semester, students enroll in FLTE 478 for 3 hours with instruction occurring in the first 10 weeks. In the spring semester, students enroll in FLTE 478 for 1 hour with instruction occurring in the first 4 weeks.)

Code	Title	Hours
EPS 201	Foundations of Education	3
EPSY 201	Educational Psychology	3
SPED 405	General Educator's Role in Special Education	3
EDPR 442	Educational Practice in Secondary Education	12
Total Hours		63-68

1

In the fall semester, students enroll for 3 hours with instruction occurring in the first 10 weeks. In the spring semester, students enroll for 1 hour with instruction occurring in the first 4 weeks.

Corresponding Degree	BA Bachelor of Arts

Program Features

Academic Level	Undergraduate
Does this major have transcripted concentrations?	No

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

What are the minimum Total Credit Hours required for this program?
  127 hours for degree; 66-69 for major

CIP Code	131330 - Spanish Language Teacher Education.

Is This a Teacher Certification Program?
                Yes

Will specialized accreditation be sought for this program?

  No

Delivery Method

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

Admission Requirements

Desired Effective Admissions Term   Fall 2021

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.

A GPA of 2.5 in all content courses in Spanish is required. The proposed revision to the Spanish BAT program does not change in any way its current requirements and processes for admissions, licensure, student background checks or admission for transfer students. There are detailed processes spelled out at the Foreign Language Teacher Education (FLTE) website (https://flte.illinois.edu/).

Describe how critical academic functions such as admissions and student advising are managed.

Because the Spanish BAT represents and intersection between the Spanish program and the Foreign Language Teacher Education program, early advising is done by the Spanish department's full-time academic advisor. ~~advisor, Ms. TashaRobles.~~Students are admitted to the program through a committee organized by the FLTE director. ~~director, Dr. PammGreene.After that,Dr.~~After that, ~~Pamm Greene is~~ the FLTE Director is the SPAN BAT students' advisor.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

   No impact to unit

Estimated Annual Number of Degrees Awarded

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

What is the matriculation term for this program?
   Fall

Budget

Are there budgetary implications for this revision?   No

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

Additional Budget
Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?
                    No changes

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

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

For each of these items, be sure to include in the response if the proposed new program or change will result
in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty,

students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

No impact to unit

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 collections and services are adequate for the proposed program

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	BA:Teaching of Spanish -UIUC
Program Code:	10KV0297BA

Minor Code	Conc Code	Degree Code	BA	Major Code
0297				

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval

Date

HLC Approval
Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer   **Kathy Martensen (kmartens) (03/07/22 2:37 pm):** Administrative approval:
Comments   Doesn't change total hours; doesn't restrict student choice.

Program Change Request

Date Submitted: 01/13/22 4:15 pm

Viewing: **10KL0176NONE : Agricultural & Consumer Economics, BS**

Last approved: 05/01/20 3:25 pm

Last edit: 03/09/22 11:11 am

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program

Agricultural & Consumer Economics: Agri-Accounting, BS
Agricultural & Consumer Economics: Agribusiness Markets & Management, BS
Agricultural & Consumer Economics: Consumer Economics & Finance, BS
Agricultural & Consumer Economics: Environmental Economics & Policy, BS
Agricultural & Consumer Economics: Farm Management, BS
Agricultural & Consumer Economics: Finance in Agribusiness, BS
Agricultural & Consumer Economics: Financial Planning, BS
Agricultural & Consumer Economics: Policy, International Trade & Development, BS
Agricultural & Consumer Economics: Public Policy & Law, BS

Proposal Type:

In Workflow

1. **U Program Review**
2. **1470 Head**
3. **KL Committee Chair**
4. **KL Dean**
5. **University Librarian**
6. **Provost**
7. **Senate EPC**
8. Senate
9. U Senate Conf
10. Board of Trustees
11. IBHE
12. HLC
13. DMI

Approval Path

1. 01/18/22 1:39 pm
   Deb Forgacs
   (dforgacs):
   Approved for U
   Program Review
2. 03/09/22 9:09 am
   Sally Thompson
   (sallyt56):
   Approved for 1470
   Head
3. 03/09/22 9:15 am
   Brianna Gregg
   (bjgray2):
   Approved for KL
   Committee Chair
4. 03/09/22 9:17 am
   Anna Ball (aball):
   Approved for KL
   Dean
5. 03/09/22 10:30
   am
   John Wilkin
   (jpwilkin):
   Approved for

University
Librarian
6. 03/09/22 11:11
am
Kathy Martensen
(kmartens):
Approved for
Provost

History

1. Feb 18, 2019 by
Deb Forgacs
(dforgacs)
2. May 1, 2019 by
Mary Lowry
(lowry)
3. May 1, 2020 by
Craig Gundersen
(cggunder)

Major (ex. Special Education)

This proposal is
for a:
Revision

Administration Details

Official Program Name	Agricultural & Consumer Economics, BS
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Agricultural and Consumer Economics
Sponsor Name	Bryan Endres ~~Craig Gundersen~~
Sponsor Email	bendres@illinois.edu ~~cggunder@illinois.edu~~

College Contact   Anna Ball   College Contact
Email

aball@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term   Fall 2022

Provide a brief, concise description (not justification) of your proposal.

   Administrative approval to revise the BS in Agricultural and Consumer Economics

   Curricula update: MATH 125 no longer offered

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

no longer offered on this camps- MATH 125

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

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).

n/a

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

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Prescribed Core Courses including Campus General Education

Course List

Code	Title	Hours
Composition I and Speech 1		
RHET 105 & CMN 101	Writing and Research and Public Speaking (or equivalent (see College Composition I requirement)	7
Advanced Composition 2		
Select from campus-approved list		3-4
Foreign Language		
Coursework at or above the third level is required for graduation.		
Quantitative Reasoning I		
Select one of:		7-8
MATH 124	Finite Mathematics	
MATH 125	Course MATH 125 Not Found	
MATH 231	Calculus II	
Select one of:		
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
Quantitative Reasoning II		6
ACE 262	Applied Statistical Methods and Data Analytics I	
ACE 264	Applied Statistical Methods & Data Analytics 2	
Humanities and the Arts		

Code	Title	Hours
Selected from campus approved list.		6
Natural Sciences and Technology		
Selected from campus approved list.		6
Social and Behavioral Sciences		
Selected from campus approved list.		6
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
ACES Prescribed		
ACES 101	Contemporary Issues in ACES (for freshmen only)	2
Department Requirements		
Minimum Hours in the College of ACES of which 20 must be in the Department of ACE		35
Minimum of two 400-level courses in ACE		6
ACE 100	Introduction to Applied Microeconomics 1	4
ACE 161	Microcomputer Applications	3
or CS 105	Intro Computing: Non-Tech	
ACE 300	Intermediate Applied Microeconomics 2	3
ACE 341	Issues&Careers in Applied Econ	1 or 2
ACCY 201	Accounting and Accountancy I	3
ECON 103	Macroeconomic Principles	3
At least 3 hours of credit for study abroad or one international course selected from:		3-4
ACE 435	Global Agribusiness Management	
ACE 436	International Business Immersion	
ACE 451	Agriculture in Intl Dev	
ACE 452	The Latin American Economies	
ACE 454	Econ Dev of Tropical Africa	
ACE 455	International Trade in Food and Agriculture	
Required Concentration		15-27
Concentration prescribed courses. See specific requirements for the concentration listed below.		
Total Hours		126

1

Requirement must be satisfied by end of first year.

2

Students are encouraged to complete this requirement prior to the seventh semester.

Corresponding Degree	BS Bachelor of Science

Program Features

Academic Level	Undergraduate
Does this major have transcripted concentrations?	No

What is the typical time to completion of this program?

8 semesters

What are the minimum Total Credit Hours required for this program?
  126

CIP Code   010103 - Agricultural Economics.

Is This a Teacher Certification Program?
                        No

Will specialized accreditation be sought for this program?

  No

Delivery Method

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

Admission Requirements

Desired Effective
Admissions Term

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.
                        Not applicable.

Describe how critical academic functions such as admissions and student advising are managed.
                        Not applicable.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

   no impact

Estimated Annual Number of Degrees Awarded

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

What is the
matriculation
term for this
program?
   Fall

Budget

Are there
budgetary
implications for
this revision?

No

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

No

Additional Budget
Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

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

No

Attach letters of
support

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

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

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

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.

no impact

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name: NONE: Agr & Consumer Econ-UIUC

Program Code: 10KL0176NONE

Minor Code	Conc Code	Degree Code	BS	Major Code
0176				

Senate Approval Date

Senate Conference Approval Date

BOT Approval
Date

IBHE Approval
Date

HLC Approval
Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer   **Kathy Martensen (kmartens) (03/09/22 11:11 am):** Administrative approval: No
Comments   change to total hours; doesn't restrict student choice.

Key: 74

Program Change Request

EP.22.113
Admin Approval #B8

Date Submitted: 03/22/22 10:43 am

Viewing: **10KL5003BS : Agricultural & Consumer Economics: Agri-Accounting, BS**

Last approved: 10/15/20 3:49 pm

Last edit: 03/23/22 2:24 pm

Changes proposed by: Brianna Gregg

Agricultural & Consumer Economics: Agri-Accounting, BS

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. **U Program Review**
2. **1470 Committee Chair**
3. **1470 Head**
4. **KL Committee Chair**
5. **KL Dean**
6. **University Librarian**
7. **Provost**
8. **Senate EPC**
9. Senate
10. U Senate Conf
11. Board of Trustees
12. IBHE
13. HLC
14. DMI

Approval Path

1. 03/22/22 1:51 pm
   Deb Forgacs
   (dforgacs):
   Approved for U
   Program Review
2. 03/23/22 12:12 pm
   Bryan Endres
   (bendres):
   Approved for 1470
   Committee Chair
3. 03/23/22 12:16 pm
   Sally Thompson
   (sallyt56):
   Approved for 1470
   Head
4. 03/23/22 12:18 pm
   Brianna Gregg
   (bjgray2):
   Approved for KL

Committee Chair
5. 03/23/22 12:23 pm
   Anna Ball (aball): Approved for KL Dean
6. 03/23/22 12:52 pm
   John Wilkin (jpwilkin): Approved for University Librarian
7. 03/23/22 2:25 pm
   Kathy Martensen (kmartens): Approved for Provost

History

1. Feb 20, 2019 by Deb Forgacs (dforgacs)
2. Oct 15, 2020 by Craig Gundersen (cggunder)

Concentration (ex. Dietetics)

This proposal is for a:
  Revision

Administration Details

Official Program Name	Agricultural & Consumer Economics: Agri-Accounting, BS
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Agricultural and Consumer Economics
Sponsor Name	Bryan Endres ~~Craig Gundersen~~
Sponsor Email	bendres@illinois.edu ~~cggunder@illinois.edu~~
College Contact	Anna Ball

College Contact Email

aball@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?
                    No

Proposal Title

Effective Catalog   Fall 2022
Term

Provide a brief, concise description (not justification) of your proposal.

   Administrative approval to revise the Agri-accounting concentration in the BS in
   Agricultural and Consumer Economics

   Revision of Ag-accounting concentration by replacing ACE 447 with ACCY 405.

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

   The concentration revision is related to Finance in Agribusiness, BS Key 597

Program Justification

Why are these changes necessary?
                    Students in our Ag Accounting program previously took ACE 447 (Case Studies in AgrAccy and Fin Planning) taught by Paul Ellinger. There has been no discussion about teaching ACE 447 since it was last taught in Fall 2015.

                    Starting in Fall 2016, ACE hired an adjunct instructor for an ACE 499 course in Audit that meets an IBOE audit requirement for students who wish to take the CPA exam. ACE 499 Section AUD had an enrollment of around 20 per offering. That instructor has decided to retire. Rather than attempting to recruit another adjunct, The Department Head (Sean Fox) was able to secure approval for our students to take ACCY 405 (Assurance and Attestation), a course in the Accounting Department that also covers auditing and meets the IBOE audit requirement for students who wish to take the CPA exam.

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

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).

Not applicable

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
Required for the Agri-Accounting Concentration in Addition to Department Requirements		
ACCY 202	Accounting and Accountancy II	3
ACCY 301	Atg Measurement & Disclosure	3
ACCY 302	Decision Making for Atg	3
ACCY 303	Accounting Institutions and Regulation	3

Code	Title	Hours
ACCY 304	Accounting Control Systems	3
ACE 360	Spreadsheet Models and Applications	2
ACE 346	Tax Policy and Finan Planning	3
ACE 444	Financial Services & Investing Planning	3
~~ACE 447~~	~~Case Stud Agr Accy & Fin Plan~~	~~3~~
ACCY 405	Assurance and Attestation	3
FIN 221	Corporate Finance	3
Total Hours		29

Program Relationships

Corresponding
Program(s):

Corresponding Program(s)
Agricultural & Consumer Economics, BS

Program Features

Academic Level   Undergraduate

Is This a Teacher Certification Program?

        No

Will specialized accreditation be sought for this program?

 No

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

Delivery Method

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

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

  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?

        ACE has the resources to meet the changes in the number of students in the courses
mentioned above.

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

        No

Attach letters of
support

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?

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Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?

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Resources

For each of these items, be sure to include in the response if the proposed new program or change will result
in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty,
students, and instructional resources? Please attach any letters of support/acknowledgement from faculty,
students, and/or other impacted units as appropriate.

Attach File(s)   Re_ requesting access to ACCY 405 for students in Ag

Accounting.pdf

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.

no additional 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.

No additional impact

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	BS:ACE - Agri-Accounting -UIUC
Program Code:	10KL5003BS

Minor Code		Conc Code	5003	Degree Code	BS	Major Code
0176						

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval	

Date	
Effective Date:	
Attached Document Justification for this request	
Program Reviewer Comments	**Deb Forgacs (dforgacs) (03/22/22 10:35 am):** Rollback: requested **Kathy Martensen (kmartens) (03/23/22 2:24 pm):** Administrative approval: No change to total hours; doesn't restrict student choice.

Key: 587

Good morning,

Yes, we are planning for their spring registrations. Any smoothing you can do across semesters would be greatly appreciated. Our BSA/MAS program director, Ashely Lamb (copied), can answer any specific questions that may come up along the way. Thank you!

Michael

From: "Fox, Sean" <seanfox@illinois.edu>
Date: Friday, October 1, 2021 at 9:03 AM
To: Michael Donohoe <mdonohoe@illinois.edu>
Cc: "Endres, Bryan" <bendres@illinois.edu>, "Finnegan, Ann Butler" <abfinngn@illinois.edu>
Subject: RE: requesting access to ACCY 405 for students in Ag. Accounting

Hi Michael,

Are you in a position to confirm that AgAccy students will be able to register for ACCY 405 next semester? Our advisors wanted confirmation before registration begins.

Thank you,
Sean

From: Donohoe, Michael P <mdonohoe@illinois.edu>
Sent: Monday, September 13, 2021 7:34 PM
To: Finnegan, Ann Butler <abfinngn@illinois.edu>; Fox, Sean <seanfox@illinois.edu>
Cc: Endres, Bryan <bendres@illinois.edu>
Subject: Re: requesting access to ACCY 405 for students in Ag. Accounting

Hi,

Thank you for the information. I will run the numbers by the program staff and follow up with any questions or concerns.

Michael

From: "Finnegan, Ann Butler" <abfinngn@illinois.edu>
Date: Monday, September 13, 2021 at 1:48 PM
To: "Fox, Sean" <seanfox@illinois.edu>

Cc: Michael Donohoe <mdonohoe@illinois.edu>, "Endres, Bryan" <bendres@illinois.edu>
Subject: Re: requesting access to ACCY 405 for students in Ag. Accounting

Sorry. I meant 13 per semester (26/2), but it may be larger than 13 this first time around.
Ann

From: Finnegan, Ann Butler <abfinngn@illinois.edu>
Sent: Monday, September 13, 2021 1:45 PM
To: Fox, Sean <seanfox@illinois.edu>
Cc: Donohoe, Michael P <mdonohoe@illinois.edu>; Endres, Bryan <bendres@illinois.edu>
Subject: Re: requesting access to ACCY 405 for students in Ag. Accounting

Following up, we have 26 seniors in AgAccy who will need to take ACCY 405 in this next year. This would be an average of 3 per semester (if they split that way), but I can imagine that it may be more that the first semester of the offering of ACCY 405 (i.e. SP22) because most seniors are not taking it this fall and will be planning to take it this spring as previously advised.
Ann

From: Finnegan, Ann Butler <abfinngn@illinois.edu>
Sent: Monday, September 13, 2021 10:36 AM
To: Fox, Sean <seanfox@illinois.edu>
Cc: Donohoe, Michael P <mdonohoe@illinois.edu>; Endres, Bryan <bendres@illinois.edu>
Subject: Re: requesting access to ACCY 405 for students in Ag. Accounting

That is great news. Thanks, Michael. I'll have a report run of AgAccy seniors who haven't taken ACE 499 AUD yet and "divide by two" since it's for both fall and spring:).
Ann

From: Fox, Sean <seanfox@illinois.edu>
Sent: Monday, September 13, 2021 10:33 AM
To: Finnegan, Ann Butler <abfinngn@illinois.edu>
Cc: Donohoe, Michael P <mdonohoe@illinois.edu>; Endres, Bryan <bendres@illinois.edu>
Subject: FW: requesting access to ACCY 405 for students in Ag. Accounting

Hi Ann,

Great news - Michael Donohoe indicated that ACCTG **will allow** Ag. ACCY. students to take ACCY 405.

To assist with planning, it would help Michael to have an estimate of how many Ag. ACCY students would need/want to take 405 in spring 2022 and then again in fall 2022? Could you provide those estimates?

Thank you,
Sean

John A. (Sean) Fox, Professor and Head
Dept. of Agricultural & Consumer Economics
University of Illinois, Ph: 217-300-5356
http://ace.illinois.edu/

From: Donohoe, Michael P <mdonohoe@illinois.edu>
Sent: Tuesday, August 24, 2021 2:46 PM
To: Fox, Sean <seanfox@illinois.edu>
Cc: Breen, Daniel <djbreen@illinois.edu>; Finnegan, Ann Butler <abfinngn@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Quach Wisdom, Dung <pdq@illinois.edu>
Subject: Re: requesting access to ACCY 405 for students in Ag. Accounting

Hi Sean,

Thanks for your note. Nice to "meet" you!

I am happy to discuss the possibility of providing Ag. Accy students access to ACCY 405. While I am generally supportive of expanding access to our courses, I need to first do a little homework with our program team to determine whether your anticipated demand of roughly 20 students would necessitate us adding another section or simply enrolling more students in existing sections. I will also need to run any game plan by our advisory committee, which next meets on September 3rd. I know you need information sooner than later, so would you perhaps like to schedule a meeting for the week of September 6th?

I look forward to working with you. Thanks again.

Michael

From: "Fox, Sean" <seanfox@illinois.edu>
Date: Tuesday, August 24, 2021 at 9:04 AM
To: Michael Donohoe <mdonohoe@illinois.edu>
Cc: "Breen, Daniel" <djbreen@illinois.edu>, "Finnegan, Ann Butler" <abfinngn@illinois.edu>, "Endres, Bryan" <bendres@illinois.edu>, "Quach Wisdom, Dung" <pdq@illinois.edu>
Subject: requesting access to ACCY 405 for students in Ag. Accounting

Dear Michael,

I write to inquire if it would be possible for students in the Agricultural Accounting program in the

Department of Agricultural & Consumer Economics to take ACCY 405 (Assurance & Attestation) beginning in spring 2022.

I believe that, at one time, Ag. Accounting students were permitted to take ACCY 405 but that changed and, since fall 2016, we have had an adjunct instructor teach an equivalent course, enrollment in which has averaged around 20 per offering. That instructor has now decided to retire.

Before attempting to recruit another adjunct, I thought it would be worthwhile to explore the possibility of accessing ACCY 405. As you may know, Ag. Accy. students are currently required to take ACCY 202, 301, 302, 303, and 304. I believe they would benefit greatly from the opportunity to take additional courses from a top ranked Accounting program.

Please let me know if access to 405 would be possible or if you would be interested in discussing the matter.

Best,
Sean Fox

John A. (Sean) Fox, Professor and Head
Dept. of Agricultural & Consumer Economics
University of Illinois, Ph: 217-300-5356
http://ace.illinois.edu/

Program Change Request

Date Submitted: 03/22/22 10:41 am

Viewing: **10KL5316BS : Agricultural & Consumer Economics: Finance in Agribusiness, BS**

Last approved: 09/30/21 3:19 pm

Last edit: 03/23/22 2:26 pm

Changes proposed by: Brianna Gregg

Catalog Pages Using this Program	Agricultural & Consumer Economics: Finance in Agribusiness, BS

Proposal Type:

History

1. Feb 20, 2019 by Deb Forgacs (dforgacs)
2. Sep 30, 2021 by Craig Gundersen (cggunder)

Concentration (ex. Dietetics)

This proposal is for a:
Revision

Administration Details

Official Program Name	Agricultural & Consumer Economics: Finance in Agribusiness, BS
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Agricultural and Consumer Economics
Sponsor Name	Bryan Endres ~~Craig Gundersen~~
Sponsor Email	bendres@illinois.edu ~~cggunder@illinois.edu~~
College Contact	Anna Ball
	aball@illinois.edu

College Contact Email

College Budget

Officer

College Budget
Officer Email

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

Does this program have inter-departmental administration?
No

Proposal Title

Effective Catalog Term   Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the concentration in Finance in Agribusiness within the BS in Agricultural & Consumer Economics

Revision to the Finance in Agribusiness concentration to drop ACE 447 from the "choose two".

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

The proposal is related to Agri-Accounting, BS key 587

Program Justification

Why are these changes necessary?
Revision: ACE 447 also is listed as a "choose 2" option for Fin in Ag students. The current courses that Fin in Ag students must choose 2 of: ACE 427, ACE 428, ACE 447, ACE 449, and FIN 300. Because there appears to be no interest in teaching ACE 447 in the next few years, it makes sense, for now, to drop it from the "choose 2" list for Fin in Ag students so that we provide a more realistic set of potential courses.

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

Not applicable in the context of this request.

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

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
Required for the Finance in Agribusiness Concentration in Addition to Department Requirements		
ACE 345	Finan Decision Indiv Sm Bus	3
ACE 360	Spreadsheet Models and Applications	2
ACE 444	Financial Services & Investing Planning	3
ACE 446	Modeling App's Finan Plan	2
ACCY 202	Accounting and Accountancy II	3
FIN 221	Corporate Finance	3
Select two of the following:		6
ACE 427	Commodity Price Analysis	
ACE 428	Commodity Futures and Options	
ACE 432	Advanced Farm Management	
~~ACE 447~~	~~Case Stud Agr Accy & Fin Plan~~	

Code	Title	Hours
ACE 449	Retirement & Benefit Planning	
FIN 300	Financial Markets	
Total Hours		22

Program Relationships

Corresponding
Program(s):

Corresponding Program(s)
Agricultural & Consumer Economics, BS

Program Features

Academic Level   Undergraduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

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

Delivery Method

This program is
available:

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

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

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

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

For each of these items, be sure to include in the response if the proposed new program or change will result
in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty,
students, and instructional resources? Please attach any letters of support/acknowledgement from faculty,
students, and/or other impacted units as appropriate.

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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.
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.

no impact

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices							
Banner/Codebook Name	BS: ACE - Fin AgrBusns - UIUC						
Program Code:	10KL5316BS						
Minor Code	0176	Conc Code	5316	Degree Code	BS	Major Code	
Senate Approval Date							
Senate Conference Approval Date							
BOT Approval Date							
IBHE Approval Date							
HLC Approval Date							
Effective Date:							
Attached Document Justification for this request							

| Program Reviewer Comments | **Deb Forgacs (dforgacs) (03/22/22 10:35 am):** Rollback: requested |
| | **Kathy Martensen (kmartens) (03/23/22 2:25 pm):** Administrative approval: Doesn't change total hours or restrict student choice. |

Key: 597

Good morning,

Yes, we are planning for their spring registrations. Any smoothing you can do across semesters would be greatly appreciated. Our BSA/MAS program director, Ashely Lamb (copied), can answer any specific questions that may come up along the way. Thank you!

Michael

From: "Fox, Sean" <seanfox@illinois.edu>
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Subject: RE: requesting access to ACCY 405 for students in Ag. Accounting

Hi Michael,

Are you in a position to confirm that AgAccy students will be able to register for ACCY 405 next semester? Our advisors wanted confirmation before registration begins.

Thank you,
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Thank you for the information. I will run the numbers by the program staff and follow up with any questions or concerns.

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Sorry. I meant 13 per semester (26/2), but it may be larger than 13 this first time around.
Ann

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Subject: FW: requesting access to ACCY 405 for students in Ag. Accounting

Hi Ann,

Great news - Michael Donohoe indicated that ACCTG **will allow** Ag. ACCY. students to take ACCY
405.

To assist with planning, it would help Michael to have an estimate of how many Ag. ACCY students
would need/want to take 405 in spring 2022 and then again in fall 2022? Could you provide those
estimates?

Thank you,
Sean

John A. (Sean) Fox, Professor and Head

Dept. of Agricultural & Consumer Economics

University of Illinois, Ph: 217-300-5356

http://ace.illinois.edu/

From: Donohoe, Michael P <mdonohoe@illinois.edu>

Sent: Tuesday, August 24, 2021 2:46 PM

To: Fox, Sean <seanfox@illinois.edu>

Cc: Breen, Daniel <djbreen@illinois.edu>; Finnegan, Ann Butler <abfinngn@illinois.edu>; Endres, Bryan <bendres@illinois.edu>; Quach Wisdom, Dung <pdq@illinois.edu>

Subject: Re: requesting access to ACCY 405 for students in Ag. Accounting

Hi Sean,

Thanks for your note. Nice to "meet" you!

I am happy to discuss the possibility of providing Ag. Accy students access to ACCY 405. While I am generally supportive of expanding access to our courses, I need to first do a little homework with our program team to determine whether your anticipated demand of roughly 20 students would necessitate us adding another section or simply enrolling more students in existing sections. I will also need to run any game plan by our advisory committee, which next meets on September 3rd. I know you need information sooner than later, so would you perhaps like to schedule a meeting for the week of September 6th?

I look forward to working with you. Thanks again.

Michael

From: "Fox, Sean" <seanfox@illinois.edu>

Date: Tuesday, August 24, 2021 at 9:04 AM

To: Michael Donohoe <mdonohoe@illinois.edu>

Cc: "Breen, Daniel" <djbreen@illinois.edu>, "Finnegan, Ann Butler" <abfinngn@illinois.edu>, "Endres, Bryan" <bendres@illinois.edu>, "Quach Wisdom, Dung" <pdq@illinois.edu>

Subject: requesting access to ACCY 405 for students in Ag. Accounting

Dear Michael,

I write to inquire if it would be possible for students in the Agricultural Accounting program in the

Department of Agricultural & Consumer Economics to take ACCY 405 (Assurance & Attestation) beginning in spring 2022.

I believe that, at one time, Ag. Accounting students were permitted to take ACCY 405 but that changed and, since fall 2016, we have had an adjunct instructor teach an equivalent course, enrollment in which has averaged around 20 per offering. That instructor has now decided to retire.

Before attempting to recruit another adjunct, I thought it would be worthwhile to explore the possibility of accessing ACCY 405. As you may know, Ag. Accy. students are currently required to take ACCY 202, 301, 302, 303, and 304. I believe they would benefit greatly from the opportunity to take additional courses from a top ranked Accounting program.

Please let me know if access to 405 would be possible or if you would be interested in discussing the matter.

Best,
Sean Fox

John A. (Sean) Fox, Professor and Head
Dept. of Agricultural & Consumer Economics
University of Illinois, Ph: 217-300-5356
http://ace.illinois.edu/

Program Change Request

Date Submitted: 03/17/22 12:06 pm

Viewing: **0002 : Animal Sciences <u>Minor, UG</u> ~~Minor~~**

Last edit: 03/23/22 2:45 pm

Changes proposed by: Anna Dilger

	Animal Sciences Minor
Catalog Pages Using this Program	

Proposal Type:

In Workflow

1. **U Program Review**
2. **1538 Committee Chair**
3. **1538 Head**
4. **KL Committee Chair**
5. **KL Dean**
6. **University Librarian**
7. **Provost**
8. **Senate EPC**
9. Senate
10. U Senate Conf
11. Board of Trustees
12. IBHE
13. HLC
14. DMI

Approval Path

1. 03/17/22 3:12 pm
   Deb Forgacs
   (dforgacs):
   Approved for U
   Program Review
2. 03/17/22 3:14 pm
   Anna Dilger
   (adilger2):
   Approved for 1538
   Committee Chair
3. 03/17/22 3:41 pm
   Rodney W.
   Johnson (rwjohn):
   Approved for 1538
   Head
4. 03/18/22 8:36 am
   Brianna Gregg
   (bjgray2):
   Approved for KL
   Committee Chair
5. 03/18/22 10:24
   am

6. 03/18/22 10:27 am
John Wilkin (jpwilkin): Approved for University Librarian
7. 03/23/22 2:48 pm
Kathy Martensen (kmartens): Approved for Provost

Minor (ex. European Union Studies)

This proposal is for a:
Revision

Administration Details

Official Program Name	Animal Sciences Minor, UG ~~Minor~~
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Animal Sciences
Sponsor Name	Anna Dilger
Sponsor Email	adilger2@illinois.edu
College Contact	Brianna Gregg

College Contact Email

bjgray@illinois.edu

College Budget Officer

College Budget Officer Email   adilger2@illinois.edu

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

Anna Dilger, adilger2@illinois.edu

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term   Fall 2022

Provide a brief, concise description (not justification) of your proposal.

  Administrative approval to revise the undergraduate minor in Animal Sciences

  Updating the total number of credit hours needed to allow for a range.

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

> Currently, students can complete the requirements of the minor but only earn 19 credit hours because the required courses at the 200 level are variable in credit hours. Therefore, to allow for student flexibility, we would like to allow for students to earn the minor by completing 6 ANSC courses and earning a minimum of 19 credit hours. The total hours have been updated to demonstrate the minimum (19) and maximum (22) credit hours needed.

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

> 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).

> Assessment of students in this minor is not separate from those in the major. Please refer to ANSC BS learning outcomes and program assessment plans.

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 sponoring 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   ANSC Minor Side by Side March 17 2022.xlsx

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

The minor in Animal Sciences is designed to provide students with a basic understanding and knowledge of a discipline subject matter area of their choice. Subject matter areas include animal production and management, nutrition, genetics, animal behavior, immunology, meat science/muscle biology, microbiology, reproductive physiology, and molecular biology. Courses in the minor cannot be completed Credit/No Credit.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
Courses Required		
ANSC 100	Intro to Animal Sciences	4
ANSC 101	Contemporary Animal Issues	3
Select two of the following:		6-7
ANSC 223	Animal Nutrition	
ANSC 224	Animal Reproduction and Growth	
ANSC 221	Cells, Metabolism and Genetics	
ANSC 222	Anatomy and Physiology	
Courses Required		

Code	Title	Hours
Minimum two additional 300- or 400-level ANSC courses. These courses must be distinct from the student's major or an additional minor.		6-8
ANSC 398 and ANSC 499 do not count toward the minor.		
Total Hours		19-22

Program Features

Academic Level   Undergraduate

Is this minor?
A Comprehensive study in a single discipline

Is This a Teacher Certification 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

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 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.

No impact is anticipated.

Budget

Are there budgetary implications for this revision?   No

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

No

Additional Budget Information

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

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

No

Attach letters of support

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

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 anticipated.

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook Name	Animal Sciences
Program Code:	0002

Minor Code	0002	Conc Code		Degree Code		Major Code

Senate Approval Date	
Senate Conference Approval Date	
BOT Approval Date	
IBHE Approval Date	
HLC Approval Date	
Effective Date:	
Attached Document Justification for this request	

Program Reviewer Comments	**Kathy Martensen (kmartens) (03/23/22 2:44 pm):** Administrative approval: No change to total hours required; doesn't restrict student choice.

Current Minor Requirements	Hours	Proposed Minor Requirements	Hours
Courses Required	4	**Courses Required**	4
ANSC 100	3	ANSC 100	3
ANSC 101		ANSC 101	
Select two of the following	6-7	**Select two of the following**	6-7
ANSC 221		ANSC 221	
ANSC 222		ANSC 222	
ANSC 223		ANSC 223	
ANSC 224		ANSC 224	
Courses Required	6-8	**Courses Required**	6-8
Minimum two additional 300- or 400-level ANSC courses. These courses must be distinct from the student's major or an additional minor. ANSC 398 and ANSC 499 do not count toward the minor.		Minimum two additional 300- or 400-level ANSC courses. These courses must be distinct from the student's major or an additional minor. ANSC 398 and ANSC 499 do not count toward the minor.	
Total Hours	20	**Total Hours**	19-22

Program Change Request

Date Submitted: 02/14/22 1:06 pm

Viewing: **10KT5201BS : Media and Cinema Studies, BS**

Last approved: 11/17/21 12:04 pm

Last edit: 03/24/22 1:13 pm

Changes proposed by: Josh Heuman

[Media & Cinema Studies, BS](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. **U Program Review**
2. **1436 Committee Chair**
3. **1436 Head**
4. **KT Committee Chair**
5. **KT Dean**
6. **University Librarian**
7. **Provost**
8. **Senate EPC**
9. Senate
10. U Senate Conf
11. Board of Trustees
12. IBHE
13. HLC
14. DMI

Approval Path

1. 02/15/22 1:22 pm
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 02/15/22 1:38 pm
Amanda Ciafone
(aciafone):
Approved for 1436
Committee Chair
3. 02/25/22 4:07 am
Cheryl Cole
(clcole): Approved
for 1436 Head
4. 03/24/22 9:49 am
Katie Clark
(keclark):
Approved for KT
Committee Chair
5. 03/24/22 9:50 am
Katie Clark
(keclark):

Approved for KT
Dean

6. 03/24/22 9:52 am
John Wilkin
(jpwilkin):
Approved for
University
Librarian

7. 03/24/22 1:17 pm
Kathy Martensen
(kmartens):
Approved for
Provost

History

1. Nov 17, 2021 by
Katie Clark
(keclark)

Major (ex. Special Education)

This proposal is
for a:
Revision

Administration Details

Official Program Name	Media and Cinema Studies, BS
Sponsor College	Media, College of
Sponsor Department	Media & Cinema Studies
Sponsor Name	Katie Clark
Sponsor Email	keclark@illinois.edu
College Contact	Katie Clark

College Contact
Email

keclark@illinois.edu

College Budget
Officer

College Budget
Officer Email

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

KT Dean

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term   Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the BS in Media and Cinema Studies

PROPOSAL 1: Remove the requirement that MACS majors take 72 hours of coursework outside the college [This is a college-level requirement, which is not listed on the departmental program of study page]

PROPOSAL 2: Remove the requirement that MACS499 senior projects be attached to a 400-level course

PROPOSAL 3: Replace the lists of courses under each thematic area with a link to lists on departmental web page

PROPOSAL 4: Clarify phrasing of "College of Media Electives" requirement (to read instead "Courses in the College of Media")

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

Program Justification

Why are these changes necessary?

PROPOSAL 1: *To allow MACS majors to pursue greater depth in their major coursework and other coursework in the college; *To maintain parallelism with major requirements in the other departments in the college (Advertising and Journalism, both of which have removed the 72-hour requirement)

PROPOSAL 2: Distributing the Senior Project over upper-level courses has raised issues of feasibility and faculty workloads; instead, the projects will be administered in a more centralized fashion under the MACS499 course heading alone.

PROPOSAL 3: *To more effectively and more flexibly reflect current and evolving patterns of course offerings; *To help students navigate their degree plans with more confidence

PROPOSAL 4: To minimize potential confusion in current phrasing (students are required to take 36 hours of courses in the college, but many of those hours will be from requirements enumerated above, rather than electives)

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

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).

Students in Media and Cinema Studies will be able to:

Demonstrate a thorough knowledge of media and cinema studies' subject matter areas.

Demonstrate a comprehension of foundational media and cinema studies' theories and concepts.

Demonstrate critical thinking skills.

Demonstrate the ability to critically evaluate media representations in relation to social justice issues.

Demonstrate the ability to work collaboratively to successfully communicate ideas and outcomes of creative research across a range of modalities.

Students in Media and Cinema studies are required to complete a portfolio (MACS 499) as their capstone project. The instructor of the course will assess whether students are meeting the learning outcomes stated above. The department will review the portfolios and make adjustments to courses and curriculum as necessary.

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   MACSCurriculumRevisionProposalF22sidebyside.xlsx
     Attach a side-by-side comparison with the existing program
     AND, if the revision references or adds "chose-from" lists of
     courses students can select from to fulfill requirements, a listing
     of these courses, including the course rubric, number, title, and
     number of credit hours.

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

for the degree of Bachelor of Science Major in Media & Cinema Studies
department website: https://media.illinois.edu/media-cinema-studies
department faculty: https://media.illinois.edu/media-cinema-studies/faculty

overview of college admissions & requirements: College of Media
college website: https://media.illinois.edu/

MEDIA AND CINEMA STUDIES (MACS), prepares students with dynamic skills for careers in media, information, creative, and visual industries, as well as informed interaction with everyday media technologies. Majors have the opportunity to participate in original research, mixed media production, internships, study abroad, and public engagement through a transformative learning environment.
Programs in Cinema Studies

Undergraduate Programs:
major: Media & Cinema Studies, BS
minors: Cinema Studies | Critical Film Production | Media

Graduate Programs:
minor: Cinema Studies

Statement for Programs of Study Catalog

To graduate from the media and cinema studies curriculum, a student must meet all general University and College requirements for the degree and must complete the following courses, all of which must be taken for a traditional letter grade:

Course List

Code	Title	Hours
Core Curriculum		16
MACS 203	Contemporary Movies	3
MACS 264	Creative and Information Economies	4
MACS 317	Media History	3
MACS 320	Popular Culture	3
MACS 351	Social Aspects of Media	3
MACS 499	Senior Project	0

Course List

Code	Title	Hours
Thematic Areas		15

Students must take 5 additional courses in at least 2 of the following thematic areas. In addition, students can declare a specialization by taking 4 courses in 1 thematic area or by completing the requirements of a related certificate program. For a list of courses in each area, see go.illinois.edu/macs.

Cinema Studies

MACS 100	Intro to Popular TV & Movies
MACS 205	Introduction to Documentary

Code	Title	Hours
MACS 261	Survey of World Cinema I	
MACS 262	Survey of World Cinema II	
MACS 321	Film Culture	
MACS 361	Film Theory and Criticism	
MACS 464	Course MACS 464 Not Found	

See advisor for list of other approved classes or contact the department for approval of other classes.

Media Industries & Cultures

MACS 100	Intro to Popular TV & Movies	
MACS 224	Sportsmedia Technology & Culture	
MACS 321	Film Culture	
MACS 326	New Media, Culture & Society	
MACS 380	21st Century Documentaries	
MACS 408	TV Studies	

See advisor for list of other approved classes or contact the department for approval of other classes.

Difference & Power

MACS 100	Intro to Popular TV & Movies	
MACS 326	New Media, Culture & Society	
LLS 435	Commodifying Difference	
MACS/GWS 356	Sex & Gender in Popular Media	
MACS/AAS 375	Latina/o Media in the US	
MACS/AFRO 381	Black Women and Film	
MACS 389	International Communications	

See advisor for list of other approved classes or contact the department for approval of other classes.

Science, Technology, and Visualization

MACS 166	Contemporary Media Literacy	
MACS 224	Sportsmedia Technology & Culture	
MACS 326	New Media, Culture & Society	
MACS/GWS 345	Digital & Gender Cultures	
AGCM 430	Comm in Env Social Movements	

See advisor for list of other approved classes or contact the department for approval of other classes.

Global Media and Cinema

MACS 261	Survey of World Cinema I	
MACS 262	Survey of World Cinema II	
MACS 389	International Communications	
MACS/SLAV 419	Russian & East European Film	
MACS/SCAN 492	Scandinavian Cinema	
MACS/GER 493	German Cinema I	

See advisor for list of other approved classes or contact the department for approval of other classes.

Sports Media

RST 130	Foundations of Sport Mgt	
MACS 224	Sportsmedia Technology & Culture	
MACS/KIN 346	Case Study: Endless Summer	

Code	Title	Hours
MACS 408	TV Studies	
JOUR 361	Classics of Sports Journalism	
See advisor for list of other approved classes or contact the department for approval of other classes.		

Media Making, Design and Research

Code	Title	Hours
MACS 100	Intro to Popular TV & Movies	
MACS 166	Contemporary Media Literacy	
MACS 323	Studies Film/Media Production	
MACS 326	New Media, Culture & Society	
MACS 380	21st Century Documentaries	
MACS 464	Course MACS 464 Not Found	
See list of other approved classes or contact the department for approval of other classes.		

Course List

Code	Title	Hours
Courses in the College of Media		36

Students must earn at least 36 hours in the College of Media. Remaining hours are completed with ADV, JOUR, MACS, or MDIA electives.

Course List

Code	Title	Hours
Required Area of Study or Minor Outside the College of Media		9

In addition to the courses in the major plan described above, students must complete 9 hours in an approved area outside the College of Media. Approved areas include: African American Studies; American Indian Studies; Anthropology; Art History; Asian American Studies; Business Administration; Communication; Computer Science; Creative Writing; Economics; Food Science and Human Nutrition; Gender and Women's Studies; History; Kinesiology and Community Health; Latina/o Studies; Linguistics; Literature; Natural Resources and Environmental Sciences; Non-English Languages; Philosophy; Political Science; Psychology; Recreation, Sport and Tourism; Regional Area Studies; or Sociology. A university-approved minor may substitute for this requirement. Courses may, if they qualify, also count toward the requirement for advanced hours outside of the College.

Course List

Code	Title	Hours
Advanced Hours Requirement		20

At least 20 hours in courses numbered 200 or above. These courses must be outside and not cross-listed with the College of Media. At least 9 of the 20 hours must be in courses numbered 300 and above.

Course List

Code	Title	Hours
Total hours required for graduation		124

Footnotes

1 Students will take MACS 499 concurrent with a 400-level course to complete a senior project.

Corresponding Degree	BS Bachelor of Science

Program Features

Academic Level	Undergraduate

Does this major have transcripted concentrations?	No

What is the typical time to completion of this program?

4 years

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

124

CIP Code	090102 - Mass Communication/Media Studies.

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Delivery Method

This program is available:

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

Admission Requirements

Desired Effective
Admissions Term

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.

Describe how critical academic functions such as admissions and student advising are managed.

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

PROPOSAL 1 might increase course enrollment, by allowing students to take more hours within the department and college.

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

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

PROPOSAL 1 might increase demand from MACS majors for seats and classes, but not incommensurate with faculty growth (including two new hires joining in Fall 2022)

None of the proposals should significantly impact existing advising functions (except in helping to clarify paths through the major)

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 of the proposals should significantly impact existing library functions

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices	
Banner/Codebook	BS: Media and Cinema St -UIUC

Name

Program Code: 10KT5201BS

Minor Code	Conc Code	Degree Code	BS	Major Code
5201				

Senate Approval
Date

Senate
Conference
Approval Date

BOT Approval
Date

IBHE Approval
Date

HLC Approval
Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer   **Kathy Martensen (kmartens) (03/24/22 1:13 pm):** Administrative approval: No
Comments   change to total hours/doesn't restrict student choice.

Media & Cinema Studies, BS

To graduate from the media and cinema studies curriculum, a student must meet all general
University and College requirements for the degree and must complete the following courses, all of
which must be taken for a traditional letter grade:

Core Curriculum		16
MACS203	Contemporary Movies	3
MACS264	Creative and Information Economies	4
MACS317	Media History	3
MACS320	Popular Culture	3
MACS351	Social Aspects of Media	3
MACS499	Senior Project [1]	0

Footnotes
[1] Students will take MACS 499 concurrent with a 400-level course to complete a senior project.

Thematic Areas

5 additional courses in at least 2 of the following thematic areas.
In addition, students can declare a specialization by taking 4 courses in 1 thematic area or by completing the
requirements of a related certificate program.

Cinema Studies

MACS100	Intro to Popular TV & Movies
MACS 205	Introduction to Documentary
MACS 261	Survey of World Cinema I
MACS 262	Survey of World Cinema II
MACS 321	Film Culture
MACS 361	Film Theory and Criticism
MACS 464	Film Festivals

See advisor for list of other approved classes or contact the department for approval of other classes.

Media Industries & Cultures

MACS 100	Intro to Popular TV & Movies
MACS 224	Sportsmedia Technology & Culture
MACS 321	Film Culture
MACS 326	New Media, Culture & Society
MACS 380	21st Century Documentaries
MACS 408	TV Studies

See advisor for list of other approved classes or contact the department for approval of other classes.

Difference & Power

MACS 100	Intro to Popular TV & Movies
MACS 326	New Media, Culture & Society
LLS 435	Commodifying Difference
MACS/GWS 356	Sex & Gender in Popular Media
MACS/AAS 375	Latina/o Media in the US
MACS/AFRO 381	Black Women and Film
MACS 389	International Communications

See advisor for list of other approved classes or contact the department for approval of other classes.

Science, Technology, and Visualization

MACS 166	Contemporary Media Literacy
MACS 224	Sportsmedia Technology & Culture
MACS 326	New Media, Culture & Society
MACS/GWS 345	Digital & Gender Cultures
AGCM 430	Comm in Env Social Movements

See advisor for list of other approved classes or contact the department for approval of other classes.

Global Media and Cinema

MACS 261	Survey of World Cinema I
MACS 262	Survey of World Cinema II
MACS 389	International Communications
MACS/SLAV 419	Russian & East European Film
MACS/SCAN 492	Scandinavian Cinema
MACS/GER 493	German Cinema I

See advisor for list of other approved classes or contact the department for approval of other classes.

Sports Media

RST 130	Foundations of Sport Mgt
MACS 224	Sportsmedia Technology & Culture
MACS/KIN 346	Case Study: Endless Summer
MACS 408	TV Studies
JOUR 361	Classics of Sports Journalism

See advisor for list of other approved classes or contact the department for approval of other classes.

Media Making, Design and Research

MACS 100	Intro to Popular TV & Movies
MACS 166	Contemporary Media Literacy
MACS 323	Studies Film/Media Production
MACS 326	New Media, Culture & Society
MACS 380	21st Century Documentaries
MACS 464	Film Festivals

See advisor for list of other approved classes or contact the department for approval of other classes.

College of Media Electives	36

Students must earn at least 36 hours in the College of Media. Remaining hours are completed with ADV, JOUR,
MACS, or MDIA electives.

Required Area of Study or Minor Outside the College of Media	9

In addition to the courses in the major plan described above, students must complete 9 hours in an approved area
outside the College of Media. Approved areas include: African American Studies; American Indian Studies;
Anthropology; Art History; Asian American Studies; Business Administration; Communication; Computer Science;
Creative Writing; Economics; Food Science and Human Nutrition; Gender and Women's Studies; History; Kinesiology
and Community Health; Latina/o Studies; Linguistics; Literature; Natural Resources and Environmental Sciences; Non-
English Languages; Philosophy; Political Science; Psychology; Recreation, Sport and Tourism; Regional Area Studies;
or Sociology. A university-approved minor may substitute for this requirement. Courses may, if they qualify, also
count toward the requirement for advanced hours outside of the College.

Advanced Hours Requirement	20

At least 20 hours in courses numbered 200 or above. These courses must be outside and not cross-listed with the
College of Media. At least 9 of the 20 hours must be in courses numbered 300 and above.

Total hours required for graduation	124

Media & Cinema Studies, BS

To graduate from the media and cinema studies curriculum, students must meet all general
University and College requirements for the degree and must complete the following courses, all of
which must be taken for a traditional letter grade:

Core Curriculum		16
MACS203	Contemporary Movies	3
MACS264	Creative and Information Economies	4
MACS317	Media History	3
MACS320	Popular Culture	3
MACS351	Social Aspects of Media	3
MACS499	Senior Project	0

Thematic Areas

Students must take 5 additional courses in at least 2 of the following thematic areas. In addition, students can declare a specialization
by taking 4 courses in 1 thematic area or by completing the requirements of a related certificate program. For a list of courses in each
area, see go.illinois.edu/macs.

Cinema Studies

Media Industries & Cultures

Difference & Power

Science, Technology, and Visualization

Global Media and Cinema

Sports Media

Media Making, Design and Research

Courses in the College of Media	36

Students must earn at least 36 hours in the College of Media. Remaining hours are completed with ADV, JOUR,
MACS, or MDIA electives.

Required Area of Study or Minor Outside the College of Media	9

In addition to the courses in the major plan described above, students must complete 9 hours in an approved area
outside the College of Media. Approved areas include: African American Studies; American Indian Studies;
Anthropology; Art History; Asian American Studies; Business Administration; Communication; Computer Science;
Creative Writing; Economics; Food Science and Human Nutrition; Gender and Women's Studies; History; Kinesiology
and Community Health; Latina/o Studies; Linguistics; Literature; Natural Resources and Environmental Sciences; Non-
English Languages; Philosophy; Political Science; Psychology; Recreation, Sport and Tourism; Regional Area Studies;
or Sociology. A university-approved minor may substitute for this requirement. Courses may, if they qualify, also
count toward the requirement for advanced hours outside of the College.

Advanced Hours Requirement	20

At least 20 hours in courses numbered 200 or above. These courses must be outside and not cross-listed with the
College of Media. At least 9 of the 20 hours must be in courses numbered 300 and above.

Total hours required for graduation	124

Program Change Request

Date Submitted: 02/01/22 10:02 am

Viewing: **5270 : Agricultural & Biological Engineering: Agricultural Engineering, BS**

Last approved: 02/26/20 6:23 pm

Last edit: 03/09/22 11:13 am

Changes proposed by: Kent Rausch

Catalog Pages Using this Program	[Agricultural & Biological Engineering, Concentration: Agricultural Engineering, BS](#)

Proposal Type:

Approval Path

1. 02/01/22 11:13 am
   Deb Forgacs (dforgacs): Approved for U Program Review
2. 02/01/22 11:52 am
   Kent Rausch (krausch): Approved for 1741 Committee Chair
3. 02/01/22 2:24 pm
   Ronaldo Maghirang (ronaldom): Approved for 1741 Head

4. 02/03/22 11:40 am
   Brooke Newell (bsnewell): Approved for 1227 Head
5. 03/01/22 1:34 pm
   Brooke Newell (bsnewell): Approved for KP Committee Chair
6. 03/01/22 1:35 pm
   Candy Deaville (candyd): Approved for KP Dean
7. 03/08/22 2:01 pm
   Brianna Gregg (bjgray2): Approved for KL Committee Chair
8. 03/09/22 9:18 am
   Anna Ball (aball): Approved for KL Dean
9. 03/09/22 10:30 am
   John Wilkin (jpwilkin): Approved for University Librarian
10. 03/09/22 11:15 am
    Kathy Martensen (kmartens): Approved for Provost

History

1. Apr 9, 2019 by Deb Forgacs (dforgacs)
2. Jun 20, 2019 by Deb Forgacs (dforgacs)
3. Feb 26, 2020 by

Concentration (ex. Dietetics)

This proposal is
for a:
Revision

Administration Details

Official Program Name	Agricultural & Biological Engineering: Agricultural Engineering, BS
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Agricultural & Biological Engr
Sponsor Name	Ronaldo Maghirang, Kent Rausch
Sponsor Email	ronaldom@illinois.edu, krausch@illinois.edu
College Contact	Jonathan Makela, Anna Ball

College Contact Email

jmakela@illinois.edu, aball@illinois.edu

College Budget Officer	Tessa Hile
College Budget Officer Email	tmhile@illinois.edu

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

Brooke Newell, bsnewell@illinois.edu; Ronaldo Maghirang, ronaldom@illinois.edu (ABE head); Kent Rausch, krausch@illinois.edu (ABE CnC editing)

Does this program have inter-departmental administration?

Yes

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

Please describe the oversight/governance for this program, e.g., traditional departmental/college governance. Inclusion of/roles of elected faculty committees? Inclusion of/roles of any advisory committees.

Agricultural & Biological Engineering programs are governed through a Courses and Curricula committee consisting of ABE faculty and ex officio officers. Faculty are housed in the College of Agricultural, Consumer and Environmental Sciences (ACES), while ABE students graduate through the Grainger College of Engineering.

College	Grainger College of Engineering
Department	Engineering Administration

Is there an additional department involved in governance?

No

Proposal Title

Effective Catalog Term   Fall 2022

Provide a brief, concise description (not justification) of your proposal.

Administrative approval to revise the Agricultural Engineering Concentration within the BS in Agricultural & Biological Engineering

The electives list was updated to include relevant courses and remove deactivated courses. Further, clarifying language was added regarding hour totals. ABE 340 (Thermodynamics for ABE) has been added as a required course, replacing ME 200.

ECE 206 (circuits lab only, 1 hr) will no longer be required and was moved to the Technical Electives list. CHBE 421 (Momentum and Heat Transfer) was removed as an option from a list of courses. FSHN 461 is not being offered (elective course), so FSHN 481, 482, 483, 484 were added to the list. GGIS 379 was added as a biological and natural science elective. Footnotes were incorporated into the tables.

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

This Agricultural Engineering Concentration (5270) is related to: ABE-BS (10KP5163BS) and ABE-Biological Engineering (5271) Concentration

Program Justification

Why are these changes necessary?

The electives list needed updating to include relevant courses and remove deactivated courses. Clarifying language was needed regarding hour totals. ABE 340 (Thermodynamics for ABE) has been added as a required course, replacing ME 200, providing fundamental thermodynamics applied to the discipline area of agricultural and biological engineering.

ECE 206 (circuits lab only, 1 hr) will no longer be required and was moved to the Technical Electives list because ECE 205 was revised to include a hands-on component. CHBE 421 (Momentum and Heat Transfer) was removed as an option from a list of courses meant to create a focus on fluid dynamics; ME 310 (Fluid Dynamics) and TAM 335 (Fluid Mechanics) remain as options.FSHN 461 is not being offered (elective course), so FSHN 481, 482, 483, 484 were added to the list. GGIS 379 was added as a biological and natural science elective. Footnotes were incorporated into the tables. These courses are useful in strengthening students' programs in their chosen subdisciplines.

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

Yes

Required courses
  ECE 206 - Electrical & Electronics Lab
  FSHN 481 - Food Processing Unit Ops I
  FSHN 482 - Food Processing Unit Ops I Lab
  FSHN 483 - Food Processing Unit Ops II
  FSHN 484 - Food Processing UnitOps II Lab
  GGIS 379 - Introduction to GIS
  ME 200 - Thermodynamics
  ABE 340 - Thermodynamics for ABE
  CHBE 421 - Momentum and Heat Transfer

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

ECE 206 - about 20 students will no longer be required to take the 1 credit course, although it can still be taken as a technical elective. Since ECE 205 was revised to include a hands-on component, the ECE 206 lab was not needed.

CHBE 421 was removed as an option since the objective was to have students take a fluids course, and CHBE 421 is primarily heat and momentum transfer.

FSHN 481, 482, 483, 484 -- added as Biological and Natural Science Electives since FSHN 461 was no longer being offered. FSHN 481 and 482 are approximately equivalent to the previous FSHN 461. GGIS 379 was added as a Biological and Natural Science Elective. About 10 to 15 ABE students are expected to take these courses per year.

ABE 340 -- is a new course in thermodynamics that is discipline specific for agricultural and biological engineering areas and will be taken by all ABE majors. As a result ME 200 will no longer be required; about 20 students in the Ag Eng Concentration will no longer take this course but will take the new offering of ABE 340.

Attach letters of support or   FSHN 481-484 support letter 20211216.pdf
                                ECE letter acknowledgement 21211216.pdf

| acknowledgement from other departments. | [GGIS 379 ABE-SupportLetter.pdf](#) |
| | [ME Letter Sanjiv Sinha for ABE 340.pdf](#) |

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).

The concentration will be subject to the same regulation and assessment procedures as the ABE-BS main program.

The department of Agricultural and Biological Engineering has undergraduate curriculum program education objectives (PEOs) that prepare our graduates to succeed in their career activities relating to the ABE discipline. These PEOs are:

Objective 1: Enter the agricultural and biological engineering profession as practicing engineers and consultants with prominent companies and organizations in diverse areas that include agricultural and off-road equipment manufacturing and automation, food and fiber processing, renewable energy production, environmental conservation and water quality engineering, indoor environmental control, systems informatics and analysis, or other related fields.

Objective 2: Pursue graduate education and research at major research universities in agricultural and biological engineering and related fields.

Objective 3: Advance in their chosen fields to supervisory and management positions.

Objective 4: Engage in continued learning through professional development.

Objective 5: Participate in and contribute to professional societies and community services.

These PEOs were developed and are regularly reviewed by our constituent groups to evaluate, revise and refocus issues relating to the ABE BS program. These constituent groups are:

Students – The purpose of the PEOs is to prepare undergraduate students for employment in agricultural and biological engineering and related fields. Students are served by all five PEOs.

Alumni - ABE alumni are considered a valuable asset to the development and evaluation of the ABE Program Educational Objectives. They are served directly by PEOs 2, 3, 4 and 5 as they continue their professional careers.

Employers – The overall expected student outcome of ABE PEOs is to prepare qualified professional engineers for agricultural and biological engineering fields. Employers are served directly by objectives 1, 3, 4 and 5.

This process allows for continued assessment and improvement to our curricula and to maintain quality and vitality of ABE programs. The ABE Courses and Curriculum Committee and the ABE Faculty Advisory Committee work with department administration to maintain and revise PEOs. The ABE Outcomes and Assessment

Committee manages the processes of the development, collection and summarization of PEO review data collection.

Student Outcomes:

The seven student outcomes for the agricultural and biological engineering program are:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

3. an ability to communicate effectively with a range of audiences.

4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Process for Review of the Program Educational Objectives:

The process of periodical reviews is an ongoing continuous improvement process. The ABE Course and Curriculum Committee and the ABE Faculty Advisory Committee work with the department administration to maintain and revise the program educational objectives. The ABE Outcomes and Assessment Committee manages the processes of the development, collection and summarization of the program education objectives review data collection.

Student senior exit interviews are conducted by the Head. A written senior exit survey questionnaire is provided to each graduating senior at the end of the last semester of enrollment. All graduating seniors are asked to participate in a focus group to discuss the nature of their undergraduate experience. Participation in the senior exit interviews and the completion of the written senior exit questionnaire are voluntary. The information provided by the senior exit interview and questionnaires are compiled by the ABE Undergraduate Program Coordinator. The summary information is provided to the ABE Administration, the ABE Faculty Advisory Committee and the ABE Course and Curriculum Committee. The information is used to review the program educational

objectives.

Alumni surveys also are used. ABE alumni are surveyed after graduation at 2, 5 and 10 year intervals post-graduation. A survey form is sent to each available alumnus via electronic media. Completed forms are compiled in a summary format. The information is available to the ABE faculty, administration and Courses and Curriculum Committee for reviewing the objectives.

Feedback from employers is provided by the ABE External Advisory Committee and companies representatives that work with the senior design team projects. The ABE External Advisory Committee meets on an annual basis with ABE administration, students, faculty and staff. The Committee provides feedback relative to PEOs as part of a committee report. This report is provided to faculty, administration and staff as a written report and a discussion presentation. Companies sponsor the ABE senior industry linked design projects, and representatives from these companies provide feedback to students and faculty about students' preparedness upon completion of the projects. This information is considered very useful in assessing and reviewing the program educational objectives.

Alumni surveys also are used to assess involvement of ABE graduates in the ABE profession. Participation in professional meetings and conferences is not formally assessed, but efforts are made on behalf of the ABE department to connect with graduates in professional activities through departmental sponsored receptions at annual ASBAE International Meetings, local ASABE section meetings, the Grainger College of Engineering annual open house, College of ACES annual ExplorACES open house, an annual ABE@Illinois on-campus event for all alumni and annual homecoming activities in conjunction with university events. These activities are not formally assessed, but they are discussed by the ABE department relative to our program quality and program educational objectives.

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Agricultural Engineering Concentration Requirements

Course List

Code	Title	Hours
Required courses for the Agricultural Engineering Concentration Core:		14-15
ABE 340	Thermodynamics for Agricultural and Biological Engineering	4
TAM 251	Introductory Solid Mechanics	3
Select one of the following:		3-4
ABE 440	Applied Statistical Methods I (the extra 1 credit hour may be used towards free electives.)	4
CEE 202	Engineering Risk & Uncertainty	3
IE 300	Analysis of Data	3
STAT 400	Statistics and Probability I (the extra 1 credit hour may be used towards free electives.)	4
Select one of the following:		4
CHBE 421	Momentum and Heat Transfer	
ME 310	Fundamentals of Fluid Dynamics	4
TAM 335	Introductory Fluid Mechanics	4
Electives		21
This elective course work must be completed to fulfill each Concentration. The subjects build upon the agricultural and biological engineering technical core.		
From Departmentally Approved List of Electives, to include: 6 hours of Biological and Natural Sciences Electives and 15 hours of Technical Electives.		
Biological and Natural Sciences Electives (at least 3 hours at 300 or 400 level)		6
ANSC 100	Intro to Animal Sciences	4
ANSC 221	Cells, Metabolism and Genetics	3
ANSC 350	Cellular Metabolism in Animals	3
ANSC 350	Cellular Metabolism in Animals	3
ANSC 363	Behavior of Domestic Animals	4
ANSC 400	Dairy Herd Management	3
ANSC 401	Beef Production	3
ANSC 402	Sheep and Goat Production	3
ANSC 403	Pork Production	3
ANSC 404	Poultry Science	3
ANSC 406	Zoo Animal Conservation Sci	3
ANSC 450	Comparative Immunobiology	4
ATMS 201	General Physical Meteorology	3
ATMS 307	Climate Processes	3
CHEM 232	Elementary Organic Chemistry I	3 or 4
CHEM 233	Elementary Organic Chem Lab I	2
CHEM 312	Inorganic Chemistry	3

Code	Title	Hours
CHEM 332	Elementary Organic Chem II	4
CHEM 360	Chemistry of the Environment	3
CHEM 460	Green Chemistry	3 or 4
CPSC 112	Introduction to Crop Sciences	4
CPSC 261	Biotechnology in Agriculture	3
CPSC 265	Genetic Engineering Lab	3
CPSC 270	Applied Entomology	3
CPSC 352	Plant Genetics	4
CPSC 414	Forage Crops & Pasture Ecology	3
CPSC 415	Bioenergy Crops	3
CPSC 418	Crop Growth and Management	3
CPSC 431	Plants and Global Change	3
CPSC 437	Principles of Agroecology	3
CPSC 473	Mgmt of Field Crop Insects	3
FSHN 101	The Science of Food and How it Relates to You	3
FSHN 414	Food Chemistry	3
FSHN 416	Food Chemistry Laboratory	3
FSHN 461	Course FSHN 461 Not Found	
FSHN 471	Food & Industrial Microbiology	3
FSHN 481	Food Processing Unit Operations I	2
FSHN 482	Food Processing Unit Operations I Lab	1
FSHN 483	Food Processing Unit Operations II	2
FSHN 484	Food Processing Unit Operations II Lab	1
GEOL 107	Physical Geology	4
GEOL 380	Environmental Geology	4
GGIS 379	Introduction to Geographic Information Systems	4
HORT 100	Introduction to Horticulture	3
HORT 341	Greenhouse Mgmt and Production	4
HORT 344	Planting for Biodiversity and Aesthetics	3
HORT 360	Vegetable Crop Production	3
HORT 361	Small Fruit Production	2
HORT 362	Tree Fruit Production	2
HORT 363	Postharvest Handling Hort Crop	2
HORT 421	Horticultural Physiology	4
HORT 435	Urban Food Production	3
IB 103	Introduction to Plant Biology	4
IB 150	Organismal & Evolutionary Biol	4
IB 151	Organismal & Evol Biol Lab	1
IB 203	Ecology	4
IB 329	Animal Behavior	3
IB 335	Plant Systematics	4
IB 411	Bioinspiration	3
IB 420	Plant Physiology	3
IB 439	Biogeography	3
IB 444	Insect Ecology	3 or 4

Code	Title	Hours
IB 452	Ecosystem Ecology	3
IB 482	Insect Pest Management	3
IB 485	Environ Toxicology & Health	3
IB 486	Pesticide Toxicology	3 or 4
MCB 100	Introductory Microbiology	3
MCB 101	Intro Microbiology Laboratory	2
MCB 150	Molec & Cellular Basis of Life	4
MCB 151	Molec & Cellular Laboratory	1
MCB 244	Human Anatomy & Physiology I	3
MCB 245	Human Anat & Physiol Lab I	2
MCB 250	Molecular Genetics	3
MCB 251	Exp Techniqs in Molecular Biol	2
MCB 252	Cells, Tissues & Development	3
MCB 253	Exp Techniqs in Cellular Biol	2
MCB 300	Microbiology	3
MCB 301	Experimental Microbiology	3
MCB 314	Introduction to Neurobiology	3
MCB 316	Genetics and Disease	4
MCB 450	Introductory Biochemistry	3
NRES 201	Introductory Soils	4
NRES 219	Applied Ecology	3
NRES 348	Fish and Wildlife Ecology	3
NRES 351	Introduction to Environmental Chemistry	3
NRES 419	Env and Plant Ecosystems	3
NRES 420	Restoration Ecology	4
NRES 429	Aquatic Ecosystem Conservation	3
NRES 439	Env and Sustainable Dev	3
NRES 471	Pedology	3
NRES 475	Environmental Microbiology	3
NRES 487	Soil Chemistry	3
NRES 488	Soil Fertility and Fertilizers	3
PLPA 204	Course PLPA 204 Not Found	
PLPA 405	Plant Disease Diagnosis & Mgmt	3
PLPA 407	Course PLPA 407 Not Found	
Technical electives chosen in consultation with an advisor. At least 8 hours must be Agricultural and Biological Engineering courses.		15
ABE 341	Transport Processes in ABE	3
ABE 361	Off-Road Machine Design	3
ABE 425	Engrg Measurement Systems	4
ABE 426	Principles of Mobile Robotics	4
ABE 436	Renewable Energy Systems	3 or 4
ABE 446	Biological Nanoengineering	3 or 4
ABE 450	International Water Project I	3
ABE 451	International Water Project II	3

Code	Title	Hours
ABE 452	Engineering for Disaster Resilience	3 or 4
ABE 454	Environmental Soil Physics	3
ABE 455	Erosion and Sediment Control	2
ABE 456	Land & Water Resources Engrg	3 or 4
ABE 457	NPS Pollution Processes	2
ABE 458	NPS Pollution Modeling	2
ABE 459	Drainage and Water Management	3 or 4
ABE 463	Electrohydraulic Systems	3
ABE 466	Engineering Off-Road Vehicles	3
ABE 474	Indoor Environmental Control	3 or 4
ABE 476	Indoor Air Quality Engineering	4
ABE 482	Package Engineering	3
ABE 483	Engineering Properties of Food Materials	3
ABE 488	Bioprocessing Biomass for Fuel	4
BIOE 301	Course BIOE 301 Not Found	
BIOE 416	Biosensors	3
BIOE 461	Cellular Biomechanics	4
BIOE 467	Biophotonics	3
BIOE 473	Course BIOE 473 Not Found	
BIOE 474	Course BIOE 474 Not Found	
BIOE 476	Tissue Engineering	3
CHBE 221	Principles of CHE	3
CHBE 422	Mass Transfer Operations	4
CHBE 424	Chemical Reaction Engineering	3
CHBE 471	Biochemical Engineering	3 or 4
CHBE 472	Techniques in Biomolecular Eng	3 or 4
CHBE 473	Biomolecular Engineering	3 or 4
CHBE 475	Tissue Engineering	3
CHBE 476	Biotransport	3
CHBE 478	Bioenergy Technology	3
CEE 300	Behavior of Materials	4
CEE 330	Environmental Engineering	3
CEE 350	Water Resources Engineering	3
CEE 360	Structural Engineering	3
CEE 380	Geotechnical Engineering	3
CEE 430	Ecological Quality Engineering	2
CEE 432	Stream Ecology	3 or 4
CEE 434	Environmental Systems I	3
CEE 437	Water Quality Engineering	3

Code	Title	Hours
CEE 440	Fate Cleanup Environ Pollutant	4
CEE 442	Environmental Engineering Principles, Physical	4
CEE 443	Env Eng Principles, Chemical	4
CEE 444	Env Eng Principles, Biological	4
~~CEE 445~~	~~Course CEE 445 Not Found~~	
CEE 446	Air Quality Engineering	4
CEE 447	Atmospheric Chemistry	4
CEE 449	Environmental Engineering Lab	3
CEE 450	Surface Hydrology	3
CEE 451	Environmental Fluid Mechanics	3
CEE 452	Hydraulic Analysis and Design	3
CEE 453	Urban Hydrology and Hydraulics	4
CEE 457	Groundwater	3
CEE 458	Water Resources Field Methods	4
CEE 461	Reinforced Concrete I	3
CEE 463	Reinforced Concrete II	3 or 4
CEE 465	Design of Structural Systems	3
CEE 470	Structural Analysis	4
~~CEE 480~~	~~Course CEE 480 Not Found~~	
CEE 483	Soil Mechanics and Behavior	4
CEE 484	Applied Soil Mechanics	3 or 4
CS 466	Introduction to Bioinformatics	3 or 4
ECE 206	Electrical and Electronic Circuits Lab	1
~~ME 200~~	~~Thermodynamics~~	~~3~~
ECE 333	Green Electric Energy	3
ECE 468	Optical Remote Sensing	3
ECE 470	Introduction to Robotics	4
ECE 481	Nanotechnology	4
ENG 471	Seminar Energy & Sustain Engrg	1
SE 320	Control Systems	4
SE 423	Mechatronics	3
IE 431	Design for Six Sigma	3
ME 320	Heat Transfer	4
ME 330	Engineering Materials	4
ME 340	Dynamics of Mechanical Systems	3.5
ME 370	Mechanical Design I	3
ME 371	Mechanical Design II	3
ME 400	Energy Conversion Systems	3 or 4
ME 402	Design of Thermal Systems	3 or 4
ME 403	Internal Combustion Engines	3 or 4

Code	Title	Hours
ME 461	Computer Cntrl of Mech Systems	3 or 4
ME 483	Mechanobiology	4
MSE 280	Engineering Materials	3
MSE 401	Thermodynamics of Materials	3
MSE 470	Design and Use of Biomaterials	3
MSE 473	Biomolecular Materials Science	3
MSE 474	Biomaterials and Nanomedicine	3
MSE 489	Matl Select for Sustainability	3 or 4
NPRE 201	Energy Systems	2 or 3
NPRE 470	Fuel Cells & Hydrogen Sources	3
NPRE 475	Wind Power Systems	3 or 4

~~1~~ ~~*The extra hour of credit for this course may be used to help meet free elective requirements.*~~

Program Relationships

Corresponding Program(s):

Corresponding Program(s)
Agricultural & Biological Engineering, BS

Program Features

Academic Level   Undergraduate

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

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

Delivery Method

This program is available:

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

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

These changes will not impact 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?

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

No

Attach letters of
support

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

For each of these items, be sure to include in the response if the proposed new program or change will result in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty, students, and instructional resources? Please attach any letters of support/acknowledgement from faculty, students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

These changes will not impact our 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.

There is no impact to the use of Library collections, resources and services.

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices							
Banner/Codebook Name	Agricultural Engineering						
Program Code:	5270						
Minor Code	5163	Conc Code	5270	Degree Code		Major Code	
Senate Approval Date							
Senate Conference Approval Date							

BOT Approval
Date

IBHE Approval
Date

HLC Approval
Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer
Comments

Brooke Newell (bsnewell) (01/18/22 3:33 pm): Rollback: per email.
Kathy Martensen (kmartens) (03/09/22 11:13 am): Administrative approval:
Does not change total hours; doesn't restrict student choice.

Key: 732

Agricultural Engineering Concentration Requirements
Current Program of Study for Concentration
Course List

Code	Title	Hours
ECE 206	Electrical and Electronic Circuits Lab	1
ME 200	Thermodynamics	3
TAM 251	Introductory Solid Mechanics	3
Select one of the following:		3
ABE 440	Applied Statistical Methods I [1]	
CEE 202	Engineering Risk & Uncertainty	
IE 300	Analysis of Data	
STAT 400	Statistics and Probability I [1]	
Select one of the following:		4
CHBE 421	Momentum and Heat Transfer	
ME 310	Fundamentals of Fluid Dynamics	
TAM 335	Introductory Fluid Mechanics	

Electives

This elective course work must be completed to fulfill each Concentration. The subjects build upon the agricultural and biological engineering technical core.

Biological and Natural Sciences Electives (at least 3 hours at 300 or 400 level)		6
ANSC 100	Intro to Animal Sciences	4
ANSC 221	Cells, Metabolism and Genetics	3
ANSC 350	Cellular Metabolism in Animals	3
ANSC 350	Cellular Metabolism in Animals	3
ANSC 363	Behavior of Domestic Animals	4
ANSC 400	Dairy Herd Management	3
ANSC 401	Beef Production	3
ANSC 402	Sheep and Goat Production	3
ANSC 403	Pork Production	3
ANSC 404	Poultry Science	3
ANSC 406	Zoo Animal Conservation Sci	3
ANSC 450	Comparative Immunobiology	4
ATMS 201	General Physical Meteorology	3
ATMS 307	Climate Processes	3
CHEM 232	Elementary Organic Chemistry I	3 or 4
CHEM 233	Elementary Organic Chem Lab I	2
CHEM 312	Inorganic Chemistry	3
CHEM 332	Elementary Organic Chem II	4
CHEM 360	Chemistry of the Environment	3
CHEM 460	Green Chemistry	3 or 4
CPSC 112	Introduction to Crop Sciences	4
CPSC 261	Biotechnology in Agriculture	3
CPSC 265	Genetic Engineering Lab	3
CPSC 270	Applied Entomology	3
CPSC 352	Plant Genetics	4
CPSC 414	Forage Crops & Pasture Ecology	3
CPSC 415	Bioenergy Crops	3
CPSC 418	Crop Growth and Management	3
CPSC 431	Plants and Global Change	3
CPSC 437	Principles of Agroecology	3
CPSC 473	Mgmt of Field Crop Insects	3
FSHN 101	The Science of Food and How it Relates to You	3
FSHN 414	Food Chemistry	3

Agricultural Engineering Concentration Requirements
Revised Program of Study for Concentration
Course List

Code	Title	Hours
Required courses for Agricultural Engineering Concentration Core:		**14 - 15**
ABE 340	Thermodynamics in ABE	4
TAM 251	Introductory Solid Mechanics	3
Select one of the following:		4-Mar
ABE 440	Applied Statistical Methods I (the extra hour for this course may be used to help meet free elective requirements)	4
CEE 202	Engineering Risk & Uncertainty	3
IE 300	Analysis of Data	3
STAT 400	Statistics and Probability I (the extra hour for this course may be used to help meet free elective requirements)	4
Select one of the following:		4
ME 310	Fundamentals of Fluid Dynamics	4
TAM 335	Introductory Fluid Mechanics	4

Electives		**21**

From departmentally approved list of electives to include: 6 hours of Biological and Natural Sciences Electives and 15 hours of Technical Electives.

Biological and Natural Sciences Electives (at least 3 hours at 300 or 400 level)		6
ANSC 100	Intro to Animal Sciences	4
ANSC 221	Cells, Metabolism and Genetics	3
ANSC 350	Cellular Metabolism in Animals	3
ANSC 350	Cellular Metabolism in Animals	3
ANSC 363	Behavior of Domestic Animals	4
ANSC 400	Dairy Herd Management	3
ANSC 401	Beef Production	3
ANSC 402	Sheep and Goat Production	3
ANSC 403	Pork Production	3
ANSC 404	Poultry Science	3
ANSC 406	Zoo Animal Conservation Sci	3
ANSC 450	Comparative Immunobiology	4
ATMS 201	General Physical Meteorology	3
ATMS 307	Climate Processes	3
CHEM 232	Elementary Organic Chemistry I	3 or 4
CHEM 233	Elementary Organic Chem Lab I	2
CHEM 312	Inorganic Chemistry	3
CHEM 332	Elementary Organic Chem II	4
CHEM 360	Chemistry of the Environment	3
CHEM 460	Green Chemistry	3 or 4
CPSC 112	Introduction to Crop Sciences	4
CPSC 261	Biotechnology in Agriculture	3
CPSC 265	Genetic Engineering Lab	3
CPSC 270	Applied Entomology	3
CPSC 352	Plant Genetics	4
CPSC 414	Forage Crops & Pasture Ecology	3
CPSC 415	Bioenergy Crops	3
CPSC 418	Crop Growth and Management	3
CPSC 431	Plants and Global Change	3
CPSC 437	Principles of Agroecology	3
CPSC 473	Mgmt of Field Crop Insects	3
FSHN 101	The Science of Food and How it Relates to You	3
FSHN 414	Food Chemistry	3

Course	Title	Credits		Course	Title	Credits
FSHN 416	Food Chemistry Laboratory	3		FSHN 416	Food Chemistry Laboratory	3
FSHN 461	Course FSHN 461 Not Found					
FSHN 471	Food & Industrial Microbiology	3		FSHN 471	Food & Industrial Microbiology	3
				FSHN 481	Food Processing Unit Operations I	2
				FSHN 482	Food Processing Unit Operations I Lab	1
				FSHN 483	Food Processing Unit Operations II	2
				FSHN 484	Food Processing Unit Operations II Lab	1
GEOL 107	Physical Geology	4		GEOL 107	Physical Geology	4
GEOL 380	Environmental Geology	4		GEOL 380	Environmental Geology	4
				GGIS 379	Intro to GIS Systems	4
HORT 100	Introduction to Horticulture	3		HORT 100	Introduction to Horticulture	3
HORT 341	Greenhouse Mgmt and Production	4		HORT 341	Greenhouse Mgmt and Production	4
HORT 344	Planting for Biodiversity and Aesthetics	3		HORT 344	Planting for Biodiversity and Aesthetics	3
HORT 360	Vegetable Crop Production	3		HORT 360	Vegetable Crop Production	3
HORT 361	Small Fruit Production	2		HORT 361	Small Fruit Production	2
HORT 362	Tree Fruit Production	2		HORT 362	Tree Fruit Production	2
HORT 363	Postharvest Handling Hort Crop	2		HORT 363	Postharvest Handling Hort Crop	2
HORT 421	Horticultural Physiology	4		HORT 421	Horticultural Physiology	4
HORT 435	Urban Food Production	3		HORT 435	Urban Food Production	3
IB 103	Introduction to Plant Biology	4		IB 103	Introduction to Plant Biology	4
IB 150	Organismal & Evolutionary Biol	4		IB 150	Organismal & Evolutionary Biol	4
IB 151	Organismal & Evol Biol Lab	1		IB 151	Organismal & Evol Biol Lab	1
IB 203	Ecology	4		IB 203	Ecology	4
IB 329	Animal Behavior	3		IB 329	Animal Behavior	3
IB 335	Plant Systematics	4		IB 335	Plant Systematics	4
IB 411	Bioinspiration	3		IB 411	Bioinspiration	3
IB 420	Plant Physiology	3		IB 420	Plant Physiology	3
IB 439	Biogeography	3		IB 439	Biogeography	3
IB 444	Insect Ecology	3 or 4		IB 444	Insect Ecology	3 or 4
IB 452	Ecosystem Ecology	3		IB 452	Ecosystem Ecology	3
IB 482	Insect Pest Management	3		IB 482	Insect Pest Management	3
IB 485	Environ Toxicology & Health	3		IB 485	Environ Toxicology & Health	3
IB 486	Pesticide Toxicology	3 or 4		IB 486	Pesticide Toxicology	3 or 4
MCB 100	Introductory Microbiology	3		MCB 100	Introductory Microbiology	3
MCB 101	Intro Microbiology Laboratory	2		MCB 101	Intro Microbiology Laboratory	2
MCB 150	Molec & Cellular Basis of Life	4		MCB 150	Molec & Cellular Basis of Life	4
MCB 151	Molec & Cellular Laboratory	1		MCB 151	Molec & Cellular Laboratory	1
MCB 244	Human Anatomy & Physiology I	3		MCB 244	Human Anatomy & Physiology I	3
MCB 245	Human Anat & Physiol Lab I	2		MCB 245	Human Anat & Physiol Lab I	2
MCB 250	Molecular Genetics	3		MCB 250	Molecular Genetics	3
MCB 251	Exp Techniqs in Molecular Biol	2		MCB 251	Exp Techniqs in Molecular Biol	2
MCB 252	Cells, Tissues & Development	3		MCB 252	Cells, Tissues & Development	3
MCB 253	Exp Techniqs in Cellular Biol	2		MCB 253	Exp Techniqs in Cellular Biol	2
MCB 300	Microbiology	3		MCB 300	Microbiology	3
MCB 301	Experimental Microbiology	3		MCB 301	Experimental Microbiology	3
MCB 314	Introduction to Neurobiology	3		MCB 314	Introduction to Neurobiology	3
MCB 316	Genetics and Disease	4		MCB 316	Genetics and Disease	4
MCB 450	Introductory Biochemistry	3		MCB 450	Introductory Biochemistry	3
NRES 201	Introductory Soils	4		NRES 201	Introductory Soils	4
NRES 219	Applied Ecology	3		NRES 219	Applied Ecology	3
NRES 348	Fish and Wildlife Ecology	3		NRES 348	Fish and Wildlife Ecology	3
NRES 351	Introduction to Environmental Chemistry	3		NRES 351	Introduction to Environmental Chemistry	3
NRES 419	Env and Plant Ecosystems	3		NRES 419	Env and Plant Ecosystems	3
NRES 420	Restoration Ecology	4		NRES 420	Restoration Ecology	4
NRES 429	Aquatic Ecosystem Conservation	3		NRES 429	Aquatic Ecosystem Conservation	3
NRES 439	Env and Sustainable Dev	3		NRES 439	Env and Sustainable Dev	3
NRES 471	Pedology	3		NRES 471	Pedology	3
NRES 475	Environmental Microbiology	3		NRES 475	Environmental Microbiology	3
NRES 487	Soil Chemistry	3		NRES 487	Soil Chemistry	3
NRES 488	Soil Fertility and Fertilizers	3		NRES 488	Soil Fertility and Fertilizers	3
PLPA 204	Course PLPA 204 Not Found					
PLPA 405	Plant Disease Diagnosis & Mgmt	3		PLPA 405	Plant Disease Diagnosis & Mgmt	3
PLPA 407	Course PLPA 407 Not Found					

Technical electives chosen in consultation with an advisor. At least 8 hours must be Agricultural and Biological Engineering courses. — 15

Technical electives chosen in consultation with an advisor. At least 8 hours must be Agricultural and Biological Engineering courses. — 15

Course	Title	Credits		Course	Title	Credits
ABE 341	Transport Processes in ABE	3		ABE 341	Transport Processes in ABE	3
ABE 361	Off-Road Machine Design	3		ABE 361	Off-Road Machine Design	3
ABE 425	Engrg Measurement Systems	4		ABE 425	Engrg Measurement Systems	4
				ABE 426	Principles of Mobile Robotics	4
ABE 436	Renewable Energy Systems	3 or 4		ABE 436	Renewable Energy Systems	3 or 4
ABE 446	Biological Nanoengineering	3 or 4		ABE 446	Biological Nanoengineering	3 or 4
				ABE 450	International Water Project I	3
				ABE 451	International Water Project II	3
				ABE 452	Engineering for Disaster Resilience	3 or 4
ABE 454	Environmental Soil Physics	3		ABE 454	Environmental Soil Physics	3
ABE 455	Erosion and Sediment Control	2		ABE 455	Erosion and Sediment Control	2
ABE 456	Land & Water Resources Engrg	3 or 4		ABE 456	Land & Water Resources Engrg	3 or 4
ABE 457	NPS Pollution Processes	2		ABE 457	NPS Pollution Processes	2
ABE 458	NPS Pollution Modeling	2		ABE 458	NPS Pollution Modeling	2
ABE 459	Drainage and Water Management	3 or 4		ABE 459	Drainage and Water Management	3 or 4
ABE 463	Electrohydraulic Systems	3		ABE 463	Electrohydraulic Systems	3
ABE 466	Engineering Off-Road Vehicles	3		ABE 466	Engineering Off-Road Vehicles	3
ABE 474	Indoor Environmental Control	3 or 4		ABE 474	Indoor Environmental Control	3 or 4
ABE 476	Indoor Air Quality Engineering	4		ABE 476	Indoor Air Quality Engineering	4
ABE 482	Package Engineering	3		ABE 482	Package Engineering	3
ABE 483	Engineering Properties of Food Materials	3		ABE 483	Engineering Properties of Food Materials	3
ABE 488	Bioprocessing Biomass for Fuel	4		ABE 488	Bioprocessing Biomass for Fuel	4
BIOE 301	Course BIOE 301 Not Found					
BIOE 416	Biosensors	3		BIOE 416	Biosensors	3
BIOE 461	Cellular Biomechanics	4		BIOE 461	Cellular Biomechanics	4
BIOE 467	Biophotonics	3		BIOE 467	Biophotonics	3
BIOE 473	Course BIOE 473 Not Found					
BIOE 474	Course BIOE 474 Not Found					
BIOE 476	Tissue Engineering	3		BIOE 476	Tissue Engineering	3
CHBE 221	Principles of CHE	3		CHBE 221	Principles of CHE	3
CHBE 422	Mass Transfer Operations	4		CHBE 422	Mass Transfer Operations	4
CHBE 424	Chemical Reaction Engineering	3		CHBE 424	Chemical Reaction Engineering	3
CHBE 471	Biochemical Engineering	3 or 4		CHBE 471	Biochemical Engineering	3 or 4
CHBE 472	Techniques in Biomolecular Eng	3 or 4		CHBE 472	Techniques in Biomolecular Eng	3 or 4
CHBE 473	Biomolecular Engineering	3 or 4		CHBE 473	Biomolecular Engineering	3 or 4
CHBE 475	Tissue Engineering	3		CHBE 475	Tissue Engineering	3
CHBE 476	Biotransport	3		CHBE 476	Biotransport	3
CHBE 478	Bioenergy Technology	3		CHBE 478	Bioenergy Technology	3
CEE 300	Behavior of Materials	4		CEE 300	Behavior of Materials	4
CEE 330	Environmental Engineering	3		CEE 330	Environmental Engineering	3
CEE 350	Water Resources Engineering	3		CEE 350	Water Resources Engineering	3
CEE 360	Structural Engineering	3		CEE 360	Structural Engineering	3
CEE 380	Geotechnical Engineering	3		CEE 380	Geotechnical Engineering	3
CEE 430	Ecological Quality Engineering	2		CEE 430	Ecological Quality Engineering	2
CEE 432	Stream Ecology	3 or 4		CEE 432	Stream Ecology	3 or 4
CEE 434	Environmental Systems I	3		CEE 434	Environmental Systems I	3
CEE 437	Water Quality Engineering	3		CEE 437	Water Quality Engineering	3
CEE 440	Fate Cleanup Environ Pollutant	4		CEE 440	Fate Cleanup Environ Pollutant	4
CEE 442	Environmental Engineering Principles, Physical	4		CEE 442	Environmental Engineering Principles, Physical	4
CEE 443	Env Eng Principles, Chemical	4		CEE 443	Env Eng Principles, Chemical	4
CEE 444	Env Eng Principles, Biological	4		CEE 444	Env Eng Principles, Biological	4
CEE 445	Course CEE 445 Not Found					
CEE 446	Air Quality Engineering	4		CEE 446	Air Quality Engineering	4
CEE 447	Atmospheric Chemistry	4		CEE 447	Atmospheric Chemistry	4
CEE 449	Environmental Engineering Lab	3		CEE 449	Environmental Engineering Lab	3
CEE 450	Surface Hydrology	3		CEE 450	Surface Hydrology	3
CEE 451	Environmental Fluid Mechanics	3		CEE 451	Environmental Fluid Mechanics	3
CEE 452	Hydraulic Analysis and Design	3		CEE 452	Hydraulic Analysis and Design	3
CEE 453	Urban Hydrology and Hydraulics	4		CEE 453	Urban Hydrology and Hydraulics	4
CEE 457	Groundwater	3		CEE 457	Groundwater	3
CEE 458	Water Resources Field Methods	4		CEE 458	Water Resources Field Methods	4
CEE 461	Reinforced Concrete I	3		CEE 461	Reinforced Concrete I	3
CEE 463	Reinforced Concrete II	3 or 4		CEE 463	Reinforced Concrete II	3 or 4
CEE 465	Design of Structural Systems	3		CEE 465	Design of Structural Systems	3
CEE 470	Structural Analysis	4		CEE 470	Structural Analysis	4
CEE 480	Course CEE 480 Not Found					

CEE 483	Soil Mechanics and Behavior	4
CEE 484	Applied Soil Mechanics	3 or 4
CS 466	Introduction to Bioinformatics	3 or 4
ECE 333	Green Electric Energy	3
ECE 468	Optical Remote Sensing	3
ECE 470	Introduction to Robotics	4
ECE 481	Nanotechnology	4
ENG 471	Seminar Energy & Sustain Engrg	1
SE 320	Control Systems	4
SE 423	Mechatronics	3
IE 431	Design for Six Sigma	3
ME 320	Heat Transfer	4
ME 330	Engineering Materials	4
ME 340	Dynamics of Mechanical Systems	3.5
ME 370	Mechanical Design I	3
ME 371	Mechanical Design II	3
ME 400	Energy Conversion Systems	3 or 4
ME 402	Design of Thermal Systems	3 or 4
ME 403	Internal Combustion Engines	3 or 4
ME 461	Computer Cntrl of Mech Systems	3 or 4
ME 483	Mechanobiology	4
MSE 280	Engineering Materials	3
MSE 401	Thermodynamics of Materials	3
MSE 470	Design and Use of Biomaterials	3
MSE 473	Biomolecular Materials Science	3
MSE 474	Biomaterials and Nanomedicine	3
MSE 489	Matl Select for Sustainability	3 or 4
NPRE 201	Energy Systems	2 or 3
NPRE 470	Fuel Cells & Hydrogen Sources	3
NPRE 475	Wind Power Systems	3 or 4

CEE 483	Soil Mechanics and Behavior	4
CEE 484	Applied Soil Mechanics	3 or 4
CS 466	Introduction to Bioinformatics	3 or 4
ECE 206	Electrical and Electronic Circuits Lab	1
ECE 333	Green Electric Energy	3
ECE 468	Optical Remote Sensing	3
ECE 470	Introduction to Robotics	4
ECE 481	Nanotechnology	4
ENG 471	Seminar Energy & Sustain Engrg	1
SE 320	Control Systems	4
SE 423	Mechatronics	3
IE 431	Design for Six Sigma	3
ME 320	Heat Transfer	4
ME 330	Engineering Materials	4
ME 340	Dynamics of Mechanical Systems	3.5
ME 370	Mechanical Design I	3
ME 371	Mechanical Design II	3
ME 400	Energy Conversion Systems	3 or 4
ME 402	Design of Thermal Systems	3 or 4
ME 403	Internal Combustion Engines	3 or 4
ME 461	Computer Cntrl of Mech Systems	3 or 4
ME 483	Mechanobiology	4
MSE 280	Engineering Materials	3
MSE 401	Thermodynamics of Materials	3
MSE 470	Design and Use of Biomaterials	3
MSE 473	Biomolecular Materials Science	3
MSE 474	Biomaterials and Nanomedicine	3
MSE 489	Matl Select for Sustainability	3 or 4
NPRE 201	Energy Systems	2 or 3
NPRE 470	Fuel Cells & Hydrogen Sources	3
NPRE 475	Wind Power Systems	3 or 4

[1] May be taken for 4 credit hours, the extra hour may be used to help meet free elective requirements.

THE GRAINGER COLLEGE OF ENGINEERING

Department of Mechanical Science & Engineering
144 Sidney Lu Mechanical Engineering Building, MC-244
1206 W. Green St.
Urbana, IL 61801

21 January, 2022

Kent D. Rausch
Associate Professor & Chair of Courses and Curriculum
Agricultural and Biological Engineering

Dear Prof. Rausch,

The Department of Mechanical Science and Engineering acknowledges your notification on January 21 about the proposal for a new thermodynamics course, ABE 340. MechSE expects to be impacted by the provision to allow BS degree students in ABE to take the proposed course in lieu of ME 200. While we are unaware of the extent of overlap between the proposed ABE 340 and the current ME 200, we anticipate at the very least, a decrease in annual enrollment in ME 200 by about 15 students with a proportional reduction in IUs.

Sincerely,

Sanjiv Sinha
Associate Head for Undergraduate Programs
Mechanical Science and Engineering

College of Liberal Arts & Sciences

Department of Geography & Geographic Information Science
2042 Natural History Building, MC-150
1301 W. Green St.
Urbana, IL 61801

December 15, 2021

Dr. Kent D. Rausch

Associate Professor

Agricultural and Biological Engineering

College of Agricultural, Consumer and Environmental Sciences

Grainger College of Engineering

Dear Dr. Rausch,

The Department of Geography and Geographic Information Science acknowledges that it has been informed that your program in Agricultural and Biological Engineering (ABE) is proposing to add GEOG 379 "Introduction to Geographic Information Systems" to your list of Biological and Natural Sciences electives.

We support your proposed change and further understand that it may lead to the enrollment of up to 10 students per year in GEOG 379.

Best wishes for your program to achieve great success!

Sincerely,

Shaowen Wang

Department Head and Professor

Subject:	Re: ECE 206 - letter of acknowledgment
Date:	Thursday, December 16, 2021 at 1:16:41 PM Central Standard Time
From:	Kudeki, Erhan
To:	Rausch, Kent D
CC:	Kudeki, Erhan, Maghirang, Ronaldo G, Hajek, Bruce
Priority:	High

Attachments: image001.png

Hello Kent,

With this email I am acknowledging that we are now aware of ABE's decision not to require ECE 206 in its curriculum but to have it in its technical electives list.

Let me know if you need this statement in a formal letter.

Best regards,

Erhan

_____
Erhan Kudeki   2172650128 | erhan@illinois.edu
Professor and Associate Head for Undergraduate Affairs
Electrical and Computer Engineering, The Grainger College of Engineering
2080 ECE Building, 306 North Wright Street, Urbana, IL 61801

I UNIVERSITY OF
ILLINOIS
URBANA-CHAMPAIGN

On Dec 16, 2021, at 9:47 AM, Rausch, Kent D <krausch@illinois.edu> wrote:

Dear Erhan,
As part of our curriculum revisions due to the College by December 20, we are removing ECE 206 (Electrical and Electronic Circuits Lab, 1 hr) as a required course. We will list it instead as a technical elective.

We would appreciate a letter of acknowledgement from ECE by December 17 (tomorrow) so that we can stay on track with the College's timeline. We apologize for the short turnaround. Please let me know if you have any questions.

Thank you,
Kent
ABE CnC chair

KENT D. RAUSCH
Associate Professor
Agricultural and Biological Engineering
College of Agricultural, Consumer and Environmental Sciences
Grainger College of Engineering
University of Illinois at Urbana-Champaign

1304 West Pennsylvania Avenue
Urbana, IL 61801
217.265.0697 | krausch@illinois.edu | abe.illinois.edu

ILLINOIS

COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES

Department of Food Science & Human Nutrition
260 Bevier Hall, MC-182
905 S. Goodwin Ave.
Urbana, IL 61801

December 16, 2021

Dear Professor Rausch,

I am writing to acknowledge that FSHN will continue to allow ABE students to take food processing as elective in the new curriculum for ABE. Please note FSHN 461 (previously offered) was the lecture component for a full semester that had a complement of 462 (the laboratory semester). In the FSHN redesign of our Food Science curriculum we changed it so that 461 became 481 and 483 – each 8 week lecture courses. FSHN 462 became 482 and 484 – each 8 week laboratory courses.

FSHN does not anticipate a problem allowing you to list these as electives- however, it may be a bit challenging to accommodate 15 students in the laboratory sections, as we have added some different exercises, allowing much more hands on experience. This is very time consuming for TAs and the students have to take turns using different pieces of equipment – often spreading out the time for our instructors. This is all dependent on our FS enrollment. We would appreciate it if you would keep us posted if these numbers change.

Sincerely,

Nicki J. Engeseth, Ph.D.
Professor and Department Head

Program Change Request

Date Submitted: 02/01/22 10:03 am

Viewing: **5271 : Agricultural & Biological Engineering: Biological Engineering, BS**

Last approved: 01/27/21 4:17 pm

Last edit: 03/15/22 10:00 am

Changes proposed by: Kent Rausch

Catalog Pages Using this Program	[Agricultural & Biological Engineering, Concentration: Biological Engineering, BS](#)

Proposal Type:

Approval Path

1. 02/01/22 11:13 am
   Deb Forgacs (dforgacs): Approved for U Program Review
2. 02/01/22 11:52 am
   Kent Rausch (krausch): Approved for 1741 Committee Chair
3. 02/01/22 2:21 pm
   Ronaldo Maghirang (ronaldom): Approved for 1741 Head

4. 02/03/22 11:40 am
   Brooke Newell (bsnewell): Approved for 1227 Head
5. 03/01/22 1:34 pm
   Brooke Newell (bsnewell): Approved for KP Committee Chair
6. 03/01/22 1:36 pm
   Candy Deaville (candyd): Approved for KP Dean
7. 03/08/22 2:01 pm
   Brianna Gregg (bjgray2): Approved for KL Committee Chair
8. 03/09/22 9:18 am
   Anna Ball (aball): Approved for KL Dean
9. 03/09/22 10:30 am
   John Wilkin (jpwilkin): Approved for University Librarian
10. 03/09/22 11:16 am
    Kathy Martensen (kmartens): Approved for Provost

History

1. Apr 9, 2019 by Deb Forgacs (dforgacs)
2. Jun 20, 2019 by Deb Forgacs (dforgacs)
3. Feb 26, 2020 by

Concentration (ex. Dietetics)

This proposal is
for a:
  Revision

Administration Details

Official Program Name	Agricultural & Biological Engineering: Biological Engineering, BS
Sponsor College	Agr, Consumer, & Env Sciences
Sponsor Department	Agricultural & Biological Engr
Sponsor Name	Ronaldo Maghirang, Kent Rausch
Sponsor Email	ronaldom@illinois.edu, krausch@illinois.edu
College Contact	Jonathan Makela, Anna Ball

College Contact Email

jmakela@illinois.edu, aball@illinois.edu

College Budget Officer	Tessa Hile
College Budget Officer Email	tmhile@illinois.edu

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

Brooke Newell, bsnewell@illinois.edu; Ronaldo Maghirang, ronaldom@illinois.edu (ABE head); Kent Rausch, krausch@illinois.edu (ABE CnC editing)

Does this program have inter-departmental administration?

Yes

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

Please describe the oversight/governance for this program, e.g., traditional departmental/college governance. Inclusion of/roles of elected faculty committees? Inclusion of/roles of any advisory committees.

Administrative approval to revise the Biological Engineering concentration within the BS in Agricultural & Biological Engineering

Agricultural & Biological Engineering programs are governed through a Courses and Curricula committee consisting of ABE faculty and ex officio officers. Faculty are housed in the College of Agricultural, Consumer and Environmental Sciences (ACES), while ABE students graduate through the Grainger College of Engineering.

College   Grainger College of Engineering

Department   Engineering Administration

Is there an additional department involved in governance?
                   No

Proposal Title

Effective Catalog   Fall 2022
Term

Provide a brief, concise description (not justification) of your proposal.

Administrative Approval: Electives list was updated and tables were clarified regarding hour totals. CHBE 321 will no longer be required and has been replaced with a new course, ABE 340. Electives were revised: FSHN 461 is not being offered, so FSHN 481, 482, 483, 484 were added to the list. GGIS 379 was added as a biological and natural science elective. Footnotes were incorporated into the tables.

List here any related proposals/revisions and their keys. *Example: This BS proposal (key 567) is related to the Concentration A proposal (key 145) and the Concentration B proposal (key 203).*

This Biological Engineering Concentration (5271) is related to ABE: Agricultural Engineering (5270) concentration and the ABE: BS (10KP5163BS) program

Program Justification

Why are these changes necessary?
                   ABE 340 (Thermodynamics for ABE) has been added as a required course, replacing ChBE 321, providing fundamental thermodynamics applied to the discipline area of agricultural and biological engineering. The electives list needed updating for electives course list accuracy. FSHN 461 is not being offered; FSHN 481, 482, 483, 484 are equivalent substitutes. GGIS 379 was added to the electives list. These courses are useful in strengthening students' programs in their chosen subdisciplines.

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

Yes

Required courses

FSHN 481 - Food Processing Unit Ops I
FSHN 482 - Food Processing Unit Ops I Lab
FSHN 483 - Food Processing Unit Ops II
FSHN 484 - Food Processing UnitOps II Lab
GGIS 379 - Introduction to GIS
CHBE 321 - Thermodynamics
ABE 340 - Thermodynamics for ABE

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

CHBE 321 will no longer be required and is replaced with the new ABE 340. The change will reduce enrollment in CHBE 321 by about 5 students per year.

The list of Biological and Natural Sciences electives was updated to include FSHN 481, 482, 483, 484 and GGIS 379. FSHN 461 is no longer offered, and these new courses will work well.

Attach letters of support or acknowledgement from other departments.

FSHN 481-484 support letter 20211216.pdf
GGIS 379 ABE-SupportLetter.pdf
ChBE 321 letter of acknowledgement.pdf

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).

The department of Agricultural and Biological Engineering has undergraduate curriculum program educational objectives (PEOs) that prepare our graduates to succeed in their career activities relating to the ABE discipline. These PEOs are:

Objective 1: Enter the agricultural and biological engineering profession as practicing engineers and consultants with prominent companies and organizations in diverse areas that include agricultural and off-road equipment manufacturing and automation, food and fiber processing, renewable energy production, environmental conservation and water quality engineering, indoor environmental control, systems informatics and analysis, or other related fields.

Objective 2: Pursue graduate education and research at major research universities in agricultural and biological engineering and related fields.

Objective 3: Advance in their chosen fields to supervisory and management positions.

Objective 4: Engage in continued learning through professional development.

Objective 5: Participate in and contribute to professional societies and community services.

These PEOs were developed and are regularly reviewed by our constituent groups to evaluate, revise and refocus issues relating to the ABE BS program. These constituent groups are:

Students – The purpose of the PEOs is to prepare undergraduate students for employment in agricultural and biological engineering and related fields. Students are served by all five PEOs.

Alumni - ABE alumni are considered a valuable asset to the development and evaluation of the ABE Program Educational Objectives. They are served directly by PEOs 2, 3, 4 and 5 as they continue their professional careers.

Employers – The overall expected student outcome of ABE PEOs is to prepare qualified professional engineers for agricultural and biological engineering fields. Employers are served directly by objectives 1, 3, 4 and 5.

This process allows for continued assessment and improvement to our curricula and to maintain quality and vitality of ABE programs. The ABE Courses and Curriculum Committee and the ABE Faculty Advisory Committee work with department administration to maintain and revise PEOs. The ABE Outcomes and Assessment Committee manages the processes of the development, collection and summarization of PEO review data collection.

Student Outcomes:

The seven student outcomes for the agricultural and biological engineering program are:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

3. an ability to communicate effectively with a range of audiences.

4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Process for Review of the Program Educational Objectives:

The process of periodical reviews is an ongoing continuous improvement process. The ABE Course and Curriculum Committee and the ABE Faculty Advisory Committee work with the department administration to maintain and revise the program educational objectives. The ABE Outcomes and Assessment Committee manages the processes of the development, collection and summarization of the program education objectives review data collection.

Student senior exit interviews are conducted by the Head. A written senior exit survey questionnaire is provided to each graduating senior at the end of the last semester of enrollment. All graduating seniors are asked to participate in a focus group to discuss the nature of their undergraduate experience. Participation in the senior exit interviews and the completion of the written senior exit questionnaire are voluntary. The information provided by the senior exit interview and questionnaires are compiled by the ABE Undergraduate Program Coordinator. The summary information is provided to the ABE Administration, the ABE Faculty Advisory Committee and the ABE Course and Curriculum Committee. The information is used to review the program educational objectives.

Alumni surveys also are used. ABE alumni are surveyed after graduation at 2, 5 and 10

Alumni surveys also are used. ABE alumni are surveyed after graduation at 1, 5 and 10 year intervals post-graduation. A survey form is sent to each available alumnus via electronic media. Completed forms are compiled in a summary format. The information is available to the ABE faculty, administration and Courses and Curriculum Committee for reviewing the objectives.

Feedback from employers is provided by the ABE External Advisory Committee and companies representatives that work with the senior design team projects. The ABE External Advisory Committee meets on an annual basis with ABE administration, students, faculty and staff. The Committee provides feedback relative to PEOs as part of a committee report. This report is provided to faculty, administration and staff as a written report and a discussion presentation. Companies sponsor the ABE senior industry linked design projects, and representatives from these companies provide feedback to students and faculty about students' preparedness upon completion of the projects. This information is considered very useful in assessing and reviewing the program educational objectives.

Alumni surveys also are used to assess involvement of ABE graduates in the ABE profession. Participation in professional meetings and conferences is not formally assessed, but efforts are made on behalf of the ABE department to connect with graduates in professional activities through departmental sponsored receptions at annual ASBAE International Meetings, local ASABE section meetings, the Grainger College of Engineering annual open house, College of ACES annual ExplorACES open house, an annual ABE@Illinois on-campus event for all alumni and annual homecoming activities in conjunction with university events. These activities are not formally assessed, but they are discussed by the ABE department relative to our program quality and program educational objectives.

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

Catalog Page Text - Overview Tab

Text for Overview tab on the Catalog Page. This is not official content, it is used to help build the new catalog page for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Biological Engineering Concentration Requirements

Course List

Code	Title	Hours
Required courses for ABE Biological Engineering Concentration Core		14
ABE 340	Thermodynamics for Agricultural and Biological Engineering	4
ABE 341	Transport Processes in ABE	3
~~CHBE 321~~	~~Thermodynamics~~	~~4~~
CHEM 232	Elementary Organic Chemistry I (may be taken for 4 credit hours; the extra hour may be used to help meet free elective requirements)	3
MCB 150	Molec & Cellular Basis of Life	4
Electives		21
~~Biological and natural sciences electives chosen from a departmentally approved list of Biological and Natural Sciences Electives. Three of the six credit hours must be at the 300 or 400 level. Must include one course with a lab component.~~		~~6~~
From Departmentally Approved List of Electives, to include: 6 hours of Biological and Natural Sciences Electives and 15 hours of Technical Electives.		
Biological and Natural Science Electives. Three of the six credit hours must be at the 300 or 400 level. Must include one course with a lab component.		6
ANSC 100	Intro to Animal Sciences	4
ANSC 221	Cells, Metabolism and Genetics	3
ANSC 350	Cellular Metabolism in Animals	3
ANSC 363	Behavior of Domestic Animals	4
ANSC 400	Dairy Herd Management	3
ANSC 401	Beef Production	3
ANSC 402	Sheep and Goat Production	3
ANSC 403	Pork Production	3
ANSC 404	Poultry Science	3
ANSC 406	Zoo Animal Conservation Sci	3
ANSC 450	Comparative Immunobiology	4
ATMS 201	General Physical Meteorology	3
ATMS 307	Climate Processes	3
CHEM 233	Elementary Organic Chem Lab I	2
CHEM 312	Inorganic Chemistry	3
CHEM 332	Elementary Organic Chem II	4
CHEM 360	Chemistry of the Environment	3
CHEM 460	Green Chemistry	3 or 4
CPSC 112	Introduction to Crop Sciences	4
CPSC 261	Biotechnology in Agriculture	3
CPSC 265	Genetic Engineering Lab	3
CPSC 270	Applied Entomology	3

Code	Title	Hours
CPSC 352	Plant Genetics	4
CPSC 414	Forage Crops & Pasture Ecology	3
CPSC 415	Bioenergy Crops	3
CPSC 418	Crop Growth and Management	3
CPSC 431	Plants and Global Change	3
CPSC 437	Principles of Agroecology	3
CPSC 473	Mgmt of Field Crop Insects	3
FSHN 101	The Science of Food and How it Relates to You	3
FSHN 414	Food Chemistry	3
FSHN 416	Food Chemistry Laboratory	3
FSHN 461	Course FSHN 461 Not Found	
FSHN 471	Food & Industrial Microbiology	3
FSHN 481	Food Processing Unit Operations I	2
FSHN 482	Food Processing Unit Operations I Lab	1
FSHN 483	Food Processing Unit Operations II	2
FSHN 484	Food Processing Unit Operations II Lab	1
GEOL 107	Physical Geology	4
GEOL 380	Environmental Geology	4
GGIS 379	Introduction to Geographic Information Systems	4
HORT 100	Introduction to Horticulture	3
HORT 341	Greenhouse Mgmt and Production	4
HORT 344	Planting for Biodiversity and Aesthetics	3
HORT 360	Vegetable Crop Production	3
HORT 361	Small Fruit Production	2
HORT 362	Tree Fruit Production	2
HORT 363	Postharvest Handling Hort Crop	2
HORT 421	Horticultural Physiology	4
HORT 435	Urban Food Production	3
IB 103	Introduction to Plant Biology	4
IB 150	Organismal & Evolutionary Biol	4
IB 151	Organismal & Evol Biol Lab	1
IB 203	Ecology	4
IB 329	Animal Behavior	3
IB 335	Plant Systematics	4
IB 411	Bioinspiration	3
IB 420	Plant Physiology	3
IB 439	Biogeography	3
IB 444	Insect Ecology	3 or 4
IB 452	Ecosystem Ecology	3
IB 482	Insect Pest Management	3
IB 485	Environ Toxicology & Health	3
IB 486	Pesticide Toxicology	3 or 4
MCB 100	Introductory Microbiology	3
MCB 101	Intro Microbiology Laboratory	2
MCB 244	Human Anatomy & Physiology I	3

Code	Title	Hours
MCB 245	Human Anat & Physiol Lab I	2
MCB 250	Molecular Genetics	3
MCB 251	Exp Techniqs in Molecular Biol	2
MCB 252	Cells, Tissues & Development	3
MCB 253	Exp Techniqs in Cellular Biol	2
MCB 300	Microbiology	3
MCB 301	Experimental Microbiology	3
MCB 314	Introduction to Neurobiology	3
MCB 316	Genetics and Disease	4
MCB 450	Introductory Biochemistry	3
NRES 201	Introductory Soils	4
NRES 219	Applied Ecology	3
NRES 348	Fish and Wildlife Ecology	3
NRES 351	Introduction to Environmental Chemistry	3
NRES 419	Env and Plant Ecosystems	3
NRES 420	Restoration Ecology	4
NRES 429	Aquatic Ecosystem Conservation	3
NRES 439	Env and Sustainable Dev	3
NRES 471	Pedology	3
NRES 475	Environmental Microbiology	3
NRES 487	Soil Chemistry	3
NRES 488	Soil Fertility and Fertilizers	3
PLPA 204	Course PLPA 204 Not Found	
PLPA 405	Plant Disease Diagnosis & Mgmt	3
PLPA 407	Course PLPA 407 Not Found	
Technical electives chosen in consultation with an advisor. At least 8 hours must be Agricultural and Biological Engineering Technical Electives. Must include one course with a lab component.		15
ABE 361	Off-Road Machine Design	3
ABE 425	Engrg Measurement Systems	4
ABE 426	Principles of Mobile Robotics	4
ABE 436	Renewable Energy Systems	3 or 4
ABE 446	Biological Nanoengineering	3 or 4
ABE 450	International Water Project I	3
ABE 451	International Water Project II	3
ABE 452	Engineering for Disaster Resilience	3 or 4
ABE 454	Environmental Soil Physics	3
ABE 455	Erosion and Sediment Control	2
ABE 456	Land & Water Resources Engrg	3 or 4
ABE 457	NPS Pollution Processes	2
ABE 458	NPS Pollution Modeling	2
ABE 459	Drainage and Water Management	3 or 4
ABE 463	Electrohydraulic Systems	3

Code	Title	Hours
ABE 466	Engineering Off-Road Vehicles	3
ABE 474	Indoor Environmental Control	3 or 4
ABE 476	Indoor Air Quality Engineering	4
ABE 482	Package Engineering	3
ABE 483	Engineering Properties of Food Materials	3
ABE 488	Bioprocessing Biomass for Fuel	4
BIOE 301	Course BIOE 301 Not Found	
BIOE 416	Biosensors	3
BIOE 461	Cellular Biomechanics	4
BIOE 467	Biophotonics	3
BIOE 473	Course BIOE 473 Not Found	
BIOE 474	Course BIOE 474 Not Found	
BIOE 476	Tissue Engineering	3
CHBE 221	Principles of CHE	3
CHBE 422	Mass Transfer Operations	4
CHBE 424	Chemical Reaction Engineering	3
CHBE 471	Biochemical Engineering	3 or 4
CHBE 472	Techniques in Biomolecular Eng	3 or 4
CHBE 473	Biomolecular Engineering	3 or 4
CHBE 475	Tissue Engineering	3
CHBE 476	Biotransport	3
CHBE 478	Bioenergy Technology	3
CEE 300	Behavior of Materials	4
CEE 330	Environmental Engineering	3
CEE 350	Water Resources Engineering	3
CEE 360	Structural Engineering	3
CEE 380	Geotechnical Engineering	3
CEE 430	Ecological Quality Engineering	2
CEE 432	Stream Ecology	3 or 4
CEE 434	Environmental Systems I	3
CEE 437	Water Quality Engineering	3
CEE 440	Fate Cleanup Environ Pollutant	4
CEE 442	Environmental Engineering Principles, Physical	4
CEE 443	Env Eng Principles, Chemical	4
CEE 444	Env Eng Principles, Biological	4
CEE 445	Course CEE 445 Not Found	
CEE 446	Air Quality Engineering	4
CEE 447	Atmospheric Chemistry	4
CEE 449	Environmental Engineering Lab	3
CEE 450	Surface Hydrology	3
CEE 451	Environmental Fluid Mechanics	3
CEE 452	Hydraulic Analysis and Design	3

Code	Title	Hours
CEE 453	Urban Hydrology and Hydraulics	4
CEE 457	Groundwater	3
CEE 458	Water Resources Field Methods	4
CEE 461	Reinforced Concrete I	3
CEE 463	Reinforced Concrete II	3 or 4
CEE 465	Design of Structural Systems	3
CEE 470	Structural Analysis	4
CEE 480	Course CEE 480 Not Found	
CEE 483	Soil Mechanics and Behavior	4
CEE 484	Applied Soil Mechanics	3 or 4
CS 466	Introduction to Bioinformatics	3 or 4
ECE 206	Electrical and Electronic Circuits Lab	1
ECE 333	Green Electric Energy	3
ECE 468	Optical Remote Sensing	3
ECE 470	Introduction to Robotics	4
ECE 481	Nanotechnology	4
ENG 471	Seminar Energy & Sustain Engrg	1
SE 320	Control Systems	4
SE 423	Mechatronics	3
IE 431	Design for Six Sigma	3
ME 320	Heat Transfer	4
ME 330	Engineering Materials	4
ME 340	Dynamics of Mechanical Systems	3.5
ME 370	Mechanical Design I	3
ME 371	Mechanical Design II	3
ME 400	Energy Conversion Systems	3 or 4
ME 402	Design of Thermal Systems	3 or 4
ME 403	Internal Combustion Engines	3 or 4
ME 461	Computer Cntrl of Mech Systems	3 or 4
ME 483	Mechanobiology	4
MSE 280	Engineering Materials	3
MSE 401	Thermodynamics of Materials	3
MSE 470	Design and Use of Biomaterials	3
MSE 473	Biomolecular Materials Science	3
MSE 474	Biomaterials and Nanomedicine	3
MSE 489	Matl Select for Sustainability	3 or 4
NPRE 201	Energy Systems	2 or 3
NPRE 470	Fuel Cells & Hydrogen Sources	3

Code	Title	Hours
NPRE 475	Wind Power Systems	3 or 4

~~1May be taken for 4 credit hours; the extra hour may be used to help meet free elective requirements.~~

Program Relationships

Corresponding
Program(s):

Corresponding Program(s)
Agricultural & Biological Engineering, BS

Program Features

Academic Level   Undergraduate

Is This a Teacher Certification Program?
            No

Will specialized accreditation be sought for this program?

 No

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

Delivery Method

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

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

 These changes will not impact 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?

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

No

Attach letters of
support

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

For each of these items, be sure to include in the response if the proposed new program or change will result
in replacement of another program(s). If so, which program(s), what is the anticipated impact on faculty,
students, and instructional resources? Please attach any letters of support/acknowledgement from faculty,
students, and/or other impacted units as appropriate.

Attach File(s)

Faculty Resources

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

These changes will not impact our 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.

There is no impact to the use of the Library's resources, collections and services.

EP Documentation

EP Control Number	EP.22.113
Attach Rollback/Approval Notices	
This proposal requires HLC inquiry	No

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name	Biological Engineering
Program Code:	5271

Minor Code		Conc Code	5271	Degree Code		Major Code
5163						

Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

HLC Approval Date

Effective Date:

Attached Document Justification for this request

Program Reviewer Comments	**Brooke Newell (bsnewell) (01/18/22 3:33 pm):** Rollback: per email request.
	Kathy Martensen (kmartens) (03/09/22 11:15 am): Administrative approval: No change to total hours required; doesn't restrict student choice.

Key: 733

Biological Engineering Concentration Requirements

Current List of Courses for the Concentration

Course List

Code	Title	Hours
ABE 341	Transport Processes in ABE	3
CHBE 321	Thermodynamics	4
CHEM 232	Elementary Organic Chemistry I [1]	3
MCB 150	Molec & Cellular Basis of Life	4

Electives

Biological and natural sciences electives chosen from a departmentally approved list of Biological and Natural Sciences Electives. Three of the six credit hours must be at the 300 or 400 level. Must include one course with a lab component. **6**

Code	Title	Hours
ANSC 100	Intro to Animal Sciences	4
ANSC 221	Cells, Metabolism and Genetics	3
ANSC 350	Cellular Metabolism in Animals	3
ANSC 363	Behavior of Domestic Animals	4
ANSC 400	Dairy Herd Management	3
ANSC 401	Beef Production	3
ANSC 402	Sheep and Goat Production	3
ANSC 403	Pork Production	3
ANSC 404	Poultry Science	3
ANSC 406	Zoo Animal Conservation Sci	3
ANSC 450	Comparative Immunobiology	4
ATMS 201	General Physical Meteorology	3
ATMS 307	Climate Processes	3
CHEM 233	Elementary Organic Chem Lab I	2
CHEM 312	Inorganic Chemistry	3
CHEM 332	Elementary Organic Chem II	4
CHEM 360	Chemistry of the Environment	3
CHEM 460	Green Chemistry	3 or 4
CPSC 112	Introduction to Crop Sciences	4
CPSC 261	Biotechnology in Agriculture	3
CPSC 265	Genetic Engineering Lab	3
CPSC 270	Applied Entomology	3
CPSC 352	Plant Genetics	4
CPSC 414	Forage Crops & Pasture Ecology	3
CPSC 415	Bioenergy Crops	3
CPSC 418	Crop Growth and Management	3
CPSC 431	Plants and Global Change	3
CPSC 437	Principles of Agroecology	3
CPSC 473	Mgmt of Field Crop Insects	3
FSHN 101	The Science of Food and How it Relates to You	3
FSHN 414	Food Chemistry	3
FSHN 416	Food Chemistry Laboratory	3
FSHN 461	Course FSHN 461 Not Found	
FSHN 471	Food & Industrial Microbiology	3
GEOL 107	Physical Geology	4
GEOL 380	Environmental Geology	4
HORT 100	Introduction to Horticulture	3
HORT 341	Greenhouse Mgmt and Production	4
HORT 344	Planting for Biodiversity and Aesthetics	3

Biological Engineering Concentration Requirements

Revised List of Courses for the Concentration

Course List

Code	Title	Hours
Required courses for ABE Biological Engineering Concentration Core:		**14**
ABE 340	Thermodynamics in ABE	4
ABE 341	Transport Processes in ABE	3
CHEM 232	Elementary Organic Chemistry (may be taken for 4 credit hours; the extra hour may be used to help meet free elective requirements)	3
MCB 150	Molec & Cellular Basis of Life	4

Electives		**21**

Biological and natural sciences electives chosen from a departmentally approved list of Biological and Natural Sciences Electives. Three of the six credit hours must be at the 300 or 400 level. Must include one course with a lab component. **6**

Code	Title	Hours
ANSC 100	Intro to Animal Sciences	4
ANSC 221	Cells, Metabolism and Genetics	3
ANSC 350	Cellular Metabolism in Animals	3
ANSC 363	Behavior of Domestic Animals	4
ANSC 400	Dairy Herd Management	3
ANSC 401	Beef Production	3
ANSC 402	Sheep and Goat Production	3
ANSC 403	Pork Production	3
ANSC 404	Poultry Science	3
ANSC 406	Zoo Animal Conservation Sci	3
ANSC 450	Comparative Immunobiology	4
ATMS 201	General Physical Meteorology	3
ATMS 307	Climate Processes	3
CHEM 233	Elementary Organic Chem Lab I	2
CHEM 312	Inorganic Chemistry	3
CHEM 332	Elementary Organic Chem II	4
CHEM 360	Chemistry of the Environment	3
CHEM 460	Green Chemistry	3 or 4
CPSC 112	Introduction to Crop Sciences	4
CPSC 261	Biotechnology in Agriculture	3
CPSC 265	Genetic Engineering Lab	3
CPSC 270	Applied Entomology	3
CPSC 352	Plant Genetics	4
CPSC 414	Forage Crops & Pasture Ecology	3
CPSC 415	Bioenergy Crops	3
CPSC 418	Crop Growth and Management	3
CPSC 431	Plants and Global Change	3
CPSC 437	Principles of Agroecology	3
CPSC 473	Mgmt of Field Crop Insects	3
FSHN 101	The Science of Food and How it Relates to You	3
FSHN 414	Food Chemistry	3
FSHN 416	Food Chemistry Laboratory	3
FSHN 471	Food & Industrial Microbiology	3
FSHN 481	Food Processing Unit Operations I	2
FSHN 482	Food Processing Unit Operations I Lab	1
FSHN 483	Food Processing Unit Operations II	2
FSHN 484	Food Processing Unit Operations II Lab	1
GEOL 107	Physical Geology	4
GEOL 380	Environmental Geology	4
GGIS 379	Intro to GIS Systems	4
HORT 100	Introduction to Horticulture	3
HORT 341	Greenhouse Mgmt and Production	4
HORT 344	Planting for Biodiversity and Aesthetics	3

Course	Title	Credits
HORT 360	Vegetable Crop Production	3
HORT 361	Small Fruit Production	2
HORT 362	Tree Fruit Production	2
HORT 363	Postharvest Handling Hort Crop	2
HORT 421	Horticultural Physiology	4
HORT 435	Urban Food Production	3
IB 103	Introduction to Plant Biology	4
IB 150	Organismal & Evolutionary Biol	4
IB 151	Organismal & Evol Biol Lab	1
IB 203	Ecology	4
IB 329	Animal Behavior	3
IB 335	Plant Systematics	4
IB 411	Bioinspiration	3
IB 420	Plant Physiology	3
IB 439	Biogeography	3
IB 444	Insect Ecology	3 or 4
IB 452	Ecosystem Ecology	3
IB 482	Insect Pest Management	3
IB 485	Environ Toxicology & Health	3
IB 486	Pesticide Toxicology	3 or 4
MCB 100	Introductory Microbiology	3
MCB 101	Intro Microbiology Laboratory	2
MCB 244	Human Anatomy & Physiology I	3
MCB 245	Human Anat & Physiol Lab I	2
MCB 250	Molecular Genetics	3
MCB 251	Exp Techniqs in Molecular Biol	2
MCB 252	Cells, Tissues & Development	3
MCB 253	Exp Techniqs in Cellular Biol	2
MCB 300	Microbiology	3
MCB 301	Experimental Microbiology	3
MCB 314	Introduction to Neurobiology	3
MCB 316	Genetics and Disease	4
MCB 450	Introductory Biochemistry	3
NRES 201	Introductory Soils	4
NRES 219	Applied Ecology	3
NRES 348	Fish and Wildlife Ecology	3
NRES 351	Introduction to Environmental Chemistry	3
NRES 419	Env and Plant Ecosystems	3
NRES 420	Restoration Ecology	4
NRES 429	Aquatic Ecosystem Conservation	3
NRES 439	Env and Sustainable Dev	3
NRES 471	Pedology	3
NRES 475	Environmental Microbiology	3
NRES 487	Soil Chemistry	3
NRES 488	Soil Fertility and Fertilizers	3
PLPA 204	Course PLPA 204 Not Found	
PLPA 405	Plant Disease Diagnosis & Mgmt	3
PLPA 407	Course PLPA 407 Not Found	

Technical electives chosen in consultation with an advisor. At least 8 hours must be Agricultural and Biological Engineering Technical Electives. Must include one course with a lab component. — 15

Course	Title	Credits
ABE 361	Off-Road Machine Design	3
ABE 425	Engrg Measurement Systems	4
ABE 436	Renewable Energy Systems	3 or 4
ABE 446	Biological Nanoengineering	3 or 4
ABE 454	Environmental Soil Physics	3
ABE 455	Erosion and Sediment Control	2
ABE 456	Land & Water Resources Engrg	3 or 4
ABE 457	NPS Pollution Processes	2
ABE 458	NPS Pollution Modeling	2
ABE 459	Drainage and Water Management	3 or 4
ABE 463	Electrohydraulic Systems	3
ABE 466	Engineering Off-Road Vehicles	3
ABE 474	Indoor Environmental Control	3 or 4

Right column:

Course	Title	Credits
HORT 360	Vegetable Crop Production	3
HORT 361	Small Fruit Production	2
HORT 362	Tree Fruit Production	2
HORT 363	Postharvest Handling Hort Crop	2
HORT 421	Horticultural Physiology	4
HORT 435	Urban Food Production	3
IB 103	Introduction to Plant Biology	4
IB 150	Organismal & Evolutionary Biol	4
IB 151	Organismal & Evol Biol Lab	1
IB 203	Ecology	4
IB 329	Animal Behavior	3
IB 335	Plant Systematics	4
IB 411	Bioinspiration	3
IB 420	Plant Physiology	3
IB 439	Biogeography	3
IB 444	Insect Ecology	3 or 4
IB 452	Ecosystem Ecology	3
IB 482	Insect Pest Management	3
IB 485	Environ Toxicology & Health	3
IB 486	Pesticide Toxicology	3 or 4
MCB 100	Introductory Microbiology	3
MCB 101	Intro Microbiology Laboratory	2
MCB 244	Human Anatomy & Physiology I	3
MCB 245	Human Anat & Physiol Lab I	2
MCB 250	Molecular Genetics	3
MCB 251	Exp Techniqs in Molecular Biol	2
MCB 252	Cells, Tissues & Development	3
MCB 253	Exp Techniqs in Cellular Biol	2
MCB 300	Microbiology	3
MCB 301	Experimental Microbiology	3
MCB 314	Introduction to Neurobiology	3
MCB 316	Genetics and Disease	4
MCB 450	Introductory Biochemistry	3
NRES 201	Introductory Soils	4
NRES 219	Applied Ecology	3
NRES 348	Fish and Wildlife Ecology	3
NRES 351	Introduction to Environmental Chemistry	3
NRES 419	Env and Plant Ecosystems	3
NRES 420	Restoration Ecology	4
NRES 429	Aquatic Ecosystem Conservation	3
NRES 439	Env and Sustainable Dev	3
NRES 471	Pedology	3
NRES 475	Environmental Microbiology	3
NRES 487	Soil Chemistry	3
NRES 488	Soil Fertility and Fertilizers	3
PLPA 405	Plant Disease Diagnosis & Mgmt	3

Technical electives chosen in consultation with an advisor. At least 8 hours must be Agricultural and Biological Engineering Technical Electives. Must include one course with a lab component. — 15

Course	Title	Credits
ABE 361	Off-Road Machine Design	3
ABE 425	Engrg Measurement Systems	4
ABE 426	Principles of Mobile Robotics	4
ABE 436	Renewable Energy Systems	3 or 4
ABE 446	Biological Nanoengineering	3 or 4
ABE 450	International Water Project I	3
ABE 451	International Water Project II	3
ABE 452	Engineering for Disaster Resilience	3 or 4
ABE 454	Environmental Soil Physics	3
ABE 455	Erosion and Sediment Control	2
ABE 456	Land & Water Resources Engrg	3 or 4
ABE 457	NPS Pollution Processes	2
ABE 458	NPS Pollution Modeling	2
ABE 459	Drainage and Water Management	3 or 4
ABE 463	Electrohydraulic Systems	3
ABE 466	Engineering Off-Road Vehicles	3
ABE 474	Indoor Environmental Control	3 or 4

Left Code	Left Title	Left Units	Right Code	Right Title	Right Units
ABE 476	Indoor Air Quality Engineering	4	ABE 476	Indoor Air Quality Engineering	4
ABE 482	Package Engineering	3	ABE 482	Package Engineering	3
ABE 483	Engineering Properties of Food Materials	3	ABE 483	Engineering Properties of Food Materials	3
ABE 488	Bioprocessing Biomass for Fuel	3	ABE 488	Bioprocessing Biomass for Fuel	4
BIOE 301	Course BIOE 301 Not Found				
BIOE 416	Biosensors	3	BIOE 416	Biosensors	3
BIOE 461	Cellular Biomechanics	4	BIOE 461	Cellular Biomechanics	4
BIOE 467	Biophotonics	3	BIOE 467	Biophotonics	3
BIOE 473	Course BIOE 473 Not Found				
BIOE 474	Course BIOE 474 Not Found				
BIOE 476	Tissue Engineering	3	BIOE 476	Tissue Engineering	3
CHBE 221	Principles of CHE	3	CHBE 221	Principles of CHE	3
CHBE 422	Mass Transfer Operations	4	CHBE 422	Mass Transfer Operations	4
CHBE 424	Chemical Reaction Engineering	3	CHBE 424	Chemical Reaction Engineering	3
CHBE 471	Biochemical Engineering	3 or 4	CHBE 471	Biochemical Engineering	3 or 4
CHBE 472	Techniques in Biomolecular Eng	3 or 4	CHBE 472	Techniques in Biomolecular Eng	3 or 4
CHBE 473	Biomolecular Engineering	3 or 4	CHBE 473	Biomolecular Engineering	3 or 4
CHBE 475	Tissue Engineering	3	CHBE 475	Tissue Engineering	3
CHBE 476	Biotransport	3	CHBE 476	Biotransport	3
CHBE 478	Bioenergy Technology	3	CHBE 478	Bioenergy Technology	3
CEE 300	Behavior of Materials	4	CEE 300	Behavior of Materials	4
CEE 330	Environmental Engineering	3	CEE 330	Environmental Engineering	3
CEE 350	Water Resources Engineering	3	CEE 350	Water Resources Engineering	3
CEE 360	Structural Engineering	3	CEE 360	Structural Engineering	3
CEE 380	Geotechnical Engineering	3	CEE 380	Geotechnical Engineering	3
CEE 430	Ecological Quality Engineering	2	CEE 430	Ecological Quality Engineering	2
CEE 432	Stream Ecology	3 or 4	CEE 432	Stream Ecology	3 or 4
CEE 434	Environmental Systems I	3	CEE 434	Environmental Systems I	3
CEE 437	Water Quality Engineering	3	CEE 437	Water Quality Engineering	3
CEE 440	Fate Cleanup Environ Pollutant	4	CEE 440	Fate Cleanup Environ Pollutant	4
CEE 442	Environmental Engineering Principles, Physical	4	CEE 442	Environmental Engineering Principles, Physical	4
CEE 443	Env Eng Principles, Chemical	4	CEE 443	Env Eng Principles, Chemical	4
CEE 444	Env Eng Principles, Biological	4	CEE 444	Env Eng Principles, Biological	4
CEE 445	Course CEE 445 Not Found				
CEE 446	Air Quality Engineering	4	CEE 446	Air Quality Engineering	4
CEE 447	Atmospheric Chemistry	4	CEE 447	Atmospheric Chemistry	4
CEE 449	Environmental Engineering Lab	3	CEE 449	Environmental Engineering Lab	3
CEE 450	Surface Hydrology	3	CEE 450	Surface Hydrology	3
CEE 451	Environmental Fluid Mechanics	3	CEE 451	Environmental Fluid Mechanics	3
CEE 452	Hydraulic Analysis and Design	3	CEE 452	Hydraulic Analysis and Design	3
CEE 453	Urban Hydrology and Hydraulics	4	CEE 453	Urban Hydrology and Hydraulics	4
CEE 457	Groundwater	3	CEE 457	Groundwater	3
CEE 458	Water Resources Field Methods	4	CEE 458	Water Resources Field Methods	4
CEE 461	Reinforced Concrete I	3	CEE 461	Reinforced Concrete I	3
CEE 463	Reinforced Concrete II	3 or 4	CEE 463	Reinforced Concrete II	3 or 4
CEE 465	Design of Structural Systems	3	CEE 465	Design of Structural Systems	3
CEE 470	Structural Analysis	4	CEE 470	Structural Analysis	4
CEE 480	Course CEE 480 Not Found				
CEE 483	Soil Mechanics and Behavior	4	CEE 483	Soil Mechanics and Behavior	4
CEE 484	Applied Soil Mechanics	3 or 4	CEE 484	Applied Soil Mechanics	3 or 4
CS 466	Introduction to Bioinformatics	3 or 4	CS 466	Introduction to Bioinformatics	3 or 4
ECE 206	Electrical and Electronic Circuits Lab	1	ECE 206	Electrical and Electronic Circuits Lab	1
ECE 333	Green Electric Energy	3	ECE 333	Green Electric Energy	3
ECE 468	Optical Remote Sensing	3	ECE 468	Optical Remote Sensing	3
ECE 470	Introduction to Robotics	4	ECE 470	Introduction to Robotics	4
ECE 481	Nanotechnology	4	ECE 481	Nanotechnology	4
ENG 471	Seminar Energy & Sustain Engrg	1	ENG 471	Seminar Energy & Sustain Engrg	1
SE 320	Control Systems	4	SE 320	Control Systems	4
SE 423	Mechatronics	3	SE 423	Mechatronics	3
IE 431	Design for Six Sigma	3	IE 431	Design for Six Sigma	3
ME 320	Heat Transfer	4	ME 320	Heat Transfer	4
ME 330	Engineering Materials	4	ME 330	Engineering Materials	4
ME 340	Dynamics of Mechanical Systems	3.5	ME 340	Dynamics of Mechanical Systems	3.5
ME 370	Mechanical Design I	3	ME 370	Mechanical Design I	3
ME 371	Mechanical Design II	3	ME 371	Mechanical Design II	3
ME 400	Energy Conversion Systems	3 or 4	ME 400	Energy Conversion Systems	3 or 4
ME 402	Design of Thermal Systems	3 or 4	ME 402	Design of Thermal Systems	3 or 4

ME 403	Internal Combustion Engines	3 or 4
ME 461	Computer Cntrl of Mech Systems	3 or 4
ME 483	Mechanobiology	4
MSE 280	Engineering Materials	3
MSE 401	Thermodynamics of Materials	3
MSE 470	Design and Use of Biomaterials	3
MSE 473	Biomolecular Materials Science	3
MSE 474	Biomaterials and Nanomedicine	3
MSE 489	Matl Select for Sustainability	3 or 4
NPRE 201	Energy Systems	2 or 3
NPRE 470	Fuel Cells & Hydrogen Sources	3
NPRE 475	Wind Power Systems	3 or 4

May be taken for 4 credit hours; the extra hour may be used to help meet free elective requirements

ME 403	Internal Combustion Engines	3 or 4
ME 461	Computer Cntrl of Mech Systems	3 or 4
ME 483	Mechanobiology	4
MSE 280	Engineering Materials	3
MSE 401	Thermodynamics of Materials	3
MSE 470	Design and Use of Biomaterials	3
MSE 473	Biomolecular Materials Science	3
MSE 474	Biomaterials and Nanomedicine	3
MSE 489	Matl Select for Sustainability	3 or 4
NPRE 201	Energy Systems	2 or 3
NPRE 470	Fuel Cells & Hydrogen Sources	3
NPRE 475	Wind Power Systems	3 or 4

College of Liberal Arts & Sciences

Department of Chemical & Biomolecular Engineering
114 Roger Adams Laboratory, MC-712
600 S. Mathews Ave.
Urbana, IL 61801

January 21, 2022

Professor Kent D. Rausch
Agricultural and Biological Engineering (ABE)
The Grainger College of Engineering

Dear Prof. Rausch:

We understand the department of ABE is proposing revisions to the two concentrations in the department. A new course, ABE 340 Thermodynamics, has been developed and will be required for all ABE majors. ME 200 Thermodynamics and CHBE 321 Thermodynamics will no longer be required.

Due to this new course and ABE's revised requirements, we also understand there may be a slight drop in enrollment in CHBE 321 Thermodynamics. This reduced enrollment will result in about five less students per year in CHBE 321, but we don't anticipate that being a problem.

Please don't hesitate to contact me if you need additional information.

Regards,

Paul J. A. Kenis, PhD
Elio E. Tarika Endowed Chair
Professor and Department Head

College of Liberal Arts & Sciences

Department of Geography & Geographic Information Science
2042 Natural History Building, MC-150
1301 W. Green St.
Urbana, IL 61801

December 15, 2021

Dr. Kent D. Rausch
Associate Professor
Agricultural and Biological Engineering
College of Agricultural, Consumer and Environmental Sciences
Grainger College of Engineering

Dear Dr. Rausch,

The Department of Geography and Geographic Information Science acknowledges that it has been informed that your program in Agricultural and Biological Engineering (ABE) is proposing to add GEOG 379 "Introduction to Geographic Information Systems" to your list of Biological and Natural Sciences electives.

We support your proposed change and further understand that it may lead to the enrollment of up to 10 students per year in GEOG 379.

Best wishes for your program to achieve great success!

Sincerely,

Shaowen Wang
Department Head and Professor

ILLINOIS

COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES

Department of Food Science & Human Nutrition
260 Bevier Hall, MC-182
905 S. Goodwin Ave.
Urbana, IL 61801

December 16, 2021

Dear Professor Rausch,

I am writing to acknowledge that FSHN will continue to allow ABE students to take food processing as elective in the new curriculum for ABE. Please note FSHN 461 (previously offered) was the lecture component for a full semester that had a complement of 462 (the laboratory semester). In the FSHN redesign of our Food Science curriculum we changed it so that 461 became 481 and 483 – each 8 week lecture courses. FSHN 462 became 482 and 484 – each 8 week laboratory courses.

FSHN does not anticipate a problem allowing you to list these as electives- however, it may be a bit challenging to accommodate 15 students in the laboratory sections, as we have added some different exercises, allowing much more hands on experience. This is very time consuming for TAs and the students have to take turns using different pieces of equipment – often spreading out the time for our instructors. This is all dependent on our FS enrollment. We would appreciate it if you would keep us posted if these numbers change.

Sincerely,

Nicki J. Engeseth, Ph.D.
Professor and Department Head