

Deactivation Proposal

Date Submitted: 11/03/22 2:40 pm

Viewing: **10KS0335MA : Chemistry, MA**

Last approved: 07/05/22 2:55 pm

Last edit: 01/18/23 1:23 pm

Changes proposed by: Heather Schulze

[Chemistry, MA](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. U Program Review
2. 1413 Head
3. SOCS 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. DOE
15. DMI

Approval Path

1. 11/03/22 4:21 pm
Emily Stuby
(eastuby):
Approved for U
Program Review
2. 11/03/22 4:22 pm
Scott Silverman
(sks): Approved
for 1413 Head
3. 11/03/22 5:57 pm
Karla Denzler
(denzler):
Approved for
SOCS Head
4. 11/10/22 10:11
am
Andrea Ray
(aray): Approved
for KV Dean
5. 11/10/22 10:13
am
John Wilkin
(jpwilkin):

Approved for
University
Librarian

6. 12/05/22 2:44 pm

Allison McKinney
(agrindly):

Approved for
Grad_College

7. 12/14/22 7:43 am

Brooke Newell
(bsnewell):

Approved for
Provost

History

1. Jan 22, 2020 by

Deb Forgacs
(dforgacs)

2. Jul 5, 2022 by

Mary Lowry
(lowry)

Major (ex. Special Education)

This proposal is
for a:

Revision

[Phase Down/Elimination](#)

Administration Details

Official Program Name Chemistry, MA

Diploma Title

Sponsor College Liberal Arts & Sciences

Sponsor Department Chemistry

Sponsor Name [Heather Schulze](#)

Sponsor Email schulze@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 2023

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

Eliminate the Master of Arts in Chemistry in the College of Liberal Arts and Sciences and the Graduate College

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

Program Justification

Provide a brief description of what changes are being made to the program.

We have no need for offering a Master of Arts in Chemistry degree, because we already have Chemistry MS (both thesis and coursework versions).

Why are these changes necessary?

We have no need for offering a Chemistry MA degree, because we already have Chemistry MS (both thesis and coursework versions). There have not been any enrollments in the MA program since fall 2003 when data changes to Banner started. Going into the data warehouse for degrees granted—it only lists 4 students earning degrees pre 2000 (1 in spring 1989, 1 in summer 1991, 1 in spring 1993 and one in fall 1994).

Instructional Resources

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

No

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

No

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

No

Program Regulation and Assessment

Plan to Assess and Improve Student Learning

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

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

NOTE: Some of the learning outcomes below were taken or adapted from the 2013 American Chemical Society Presidential Commission on Graduate Education in the Chemical Sciences. The Department of Chemistry uses these as its main guidelines.

To have a deep working knowledge of the principles, techniques, and concepts of contemporary chemistry.

To be able to effectively design and carry out independent research leading to new knowledge or a practical, applicable result.

To be able to communicate clearly and effectively within and across disciplinary lines.

To be able to educate students interested in chemical sciences.

To be aware of and prepare for various career opportunities with an advanced degree in chemistry.

To clearly understand the ethical conduct of research.

To understand and adopt the best safety practices in chemical research.

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

Describe here:

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

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

Program
Description and

Requirements

Attach Documents

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

No

Program of Study

Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PublicAdminRules2017.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.

Catalog Page Text - Overview Tab

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

Statement for
Programs of
Study Catalog

Thesis Option ~~Other Requirements~~ ~~Non-Thesis Option~~ ~~Other Requirements~~

Course List

Code	Title	Hours
CHEM 599	Thesis Research (12 max applied toward degree)	12
Total Hours		32

Other Requirements

Grad Other Degree Requirements

Requirement	Description
Other requirements may overlap	
Minimum 500-level Hours Required Overall:	12
Minimum GPA:	3.0

Non-Thesis Option

Course List

Code	Title	Hours
Total Hours		32

Other Requirements

Grad Other Degree Requirements

Requirement	Description
Other requirements may overlap	
Minimum 500-level Hours Required Overall:	20 (16 in CHEM)
Minimum GPA:	3.0

Corresponding Degree MA Master of Arts

Program Features

Academic Level Graduate

Does this major No

have transcribed concentrations?

What is the typical time to completion of this program?

2 years

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

32

What is the required GPA?

3.0

CIP Code 400501 - Chemistry, 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 2023

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

Yes

Please describe the admission status change, whether suspension or resumption of the admission status:

No students are currently registered for this program.

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

Enrollment

List the prerequisites including course titles and number of credit hours for each prerequisite course, and whether or not these prerequisites count in the total hours required for the minor.

Phase Down/Elimination Enrollment

Does this program No
currently have
enrollment?

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

No student are currently registered for this program.

Number of Students in Program (estimate)

Year One Estimate

5th Year Estimate (or when
fully implemented)

Estimated Annual Number of Degrees Awarded

Year One Estimate

5th Year Estimate (or when
fully implemented)

What is the Fall
matriculation
term for this
program?

Budget

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

Plan to Evaluate and Improve the Program

Plan to Evaluate
and Improve the
Program
Attachments

Budget Narrative

Fiscal and Personnel Resources

Illinois Administrative Code: 1050.30(a)(5): A) The financial commitments to support the unit of instruction, research or public service are sufficient to ensure that the faculty and staff and support services necessary to offer the unit of instruction, research or public service can be acquired and maintained; B) Projections of revenues necessary to support the unit of instruction, research or public service are based on supportable estimates of state appropriations, local tax support, student tuition and fees, private gifts, and/or governmental grants and contracts.

Budget Rationale

Provide financial data that document the university's capacity to implement and sustain the proposed program and describe the program's sources of funding.

Is the unit's (Department, College, School) current budget adequate to support the program when fully implemented? If new resources are to be provided to the unit to support the program, what will be the source(s) of these funds? Is the program requesting new state funds? (During recent years, no new funds have been available from the state (IBHE) to support new degree programs).

Faculty Resources

Will current faculty be adequate to provide instruction for the new program or will additional faculty need to be hired? If additional hires will be made, please elaborate.

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

No changes.

Describe how the unit will support student advising, including job placement and/or admission to advanced studies. Will current staff be adequate to implement and maintain the new program or will additional staff be hired? Will current advising staff be adequate to provide student support and advisement, including job placement and or admission to advanced studies? If additional hires will be made, please elaborate.

Are the unit's current facilities adequate to support the program when fully implemented? Will there need to be facility renovation or new construction to house the program?

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.

Elimination of program, no library resources required.

If this is a graduate program, please discuss the intended use of graduate tuition waivers. If the program is dependent on the availability of waivers, how will the unit compensate for lost tuition revenue?

Budget Narrative

Fiscal and

Personnel

Resources

Attachments

Personnel Budget

Please complete all lines below; all fields are required. For fields where there is no anticipated cost or need, enter 0 or NA.

Category	Year One	Year Five	Notes
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Faculty (FTE)

Faculty (\$)

Advising Staff (\$)

Graduate

Students (\$)

Other Personnel

Costs

Budget Narrative

Attachments

Facilities and Equipment

Illinois Administrative Code: 1050.30(a)(4): A) Facilities, equipment and instructional resources (e.g., laboratory supplies and equipment, instructional materials, computational equipment) necessary to support high quality academic work in the unit of instruction, research or public service are available and maintained;

B) Clinical sites necessary to meet the objectives of the unit of instruction, research or public service;

C) Library holdings and acquisitions, owned or contracted for by the institution, that are necessary to support high quality instruction and scholarship in the unit of instruction, research and public service, are conveniently available and accessible, and can be maintained.

Describe the facilities and equipment that are available, or that will be available, to develop and maintain high quality in this program. Summarize information about buildings, classrooms, office space, laboratories and equipment, and other instructional technologies for the program.

Will the program require new or additional facilities or significant improvements to already existing facilities?

~~No~~

Will the program need additional technology beyond what is currently available for the unit?

~~No~~

Are there other costs associated with implementing the program?

Facilities and
Equipment
Attachments

Faculty and Staff

Illinois Administrative Code: 1050.30(a)(3): A) The academic preparation and experience of faculty and staff ensure that the objectives of the unit of instruction, research or public service are met; B) The academic preparation and experience of faculty and staff, as evidenced by level of degrees held, professional experience in the field of study and demonstrated knowledge of the field, ensure that they are able to fulfill their academic responsibilities; C) The involvement of faculty in the unit of instruction, research or public service is sufficient to cover the various fields of knowledge encompassed by the unit, to sustain scholarship appropriate to the unit, and to assure curricular continuity and consistency in student evaluation; D) Support personnel, including but not limited to counselors, administrators, clinical supervisors, and technical staff, which are directly assigned to the unit of instruction, research or public service, have the educational background and experience necessary to carry out their assigned responsibilities.

Describe the personnel resources available to develop and maintain a high quality program, including faculty (full- and part-time, current and new), staff (full- and part-time, current and new), and the administrative structure that will be in place to oversee the program. Also include a description of faculty qualifications, the faculty evaluation and reward structure, and student support services that will be provided by faculty and staff.

Summarize the major accomplishments of each key faculty member, including research/scholarship, publications, grant awards, honors and awards, etc. Include an abbreviated curriculum vitae or a short description.

Faculty and Staff
Attachments

EP Documentation

EP Control Number

EP.23.026

Attach

[ep23026_email to and response from sponsor_20230118.pdf](#)

Rollback/Approval
Notices

This proposal No
requires HLC
inquiry

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook MA:Chemistry -UIUC
Name

Program Code: 10KS0335MA

Minor Code	Conc Code	Degree Code	MA	Major Code
0335				

Senate Approval
Date

Senate
Conference
Approval Date

BOT Approval
Date

IBHE Approval
Date

HLC Approval
Date

DOE Approval
Date

Effective Date:

Attached
Document
Justification for
this request

Program Reviewer **Deb Forgacs (dforgacs) (11/03/22 9:23 am):** Rollback: fix title
Comments

From: [Amos, Jenny](#)
To: [Lehman, Barbara J](#)
Subject: FW: Question about EP.23.026 Chemistry, MA
Date: Wednesday, January 18, 2023 9:50:31 AM
Attachments: [image001.png](#)

Barb,

I hope you had a great break.

My subcommittee has been busy reviewing our new proposals this and last week. Can you please attach a PDF of these emails below to the Chemistry, MA elimination proposal, EP.23.026 for me?

Best,

JENNY AMOS, PH.D. (she/her)
Teaching Professor
3242 Everitt Lab
Bioengineering | The Grainger College of Engineering

From: Amos, Jenny <jamos@illinois.edu>
Date: Wednesday, January 18, 2023 at 9:47 AM
To: Silverman, Scott K <sks@illinois.edu>, Schulze, Heather A <schulze@illinois.edu>
Cc: Downie, Stephen R <sdownie@illinois.edu>
Subject: Re: Question about EP.23.026 Chemistry, MA

Thank you all for the prompt responses.

Scott, this is exactly the type of information I was hoping for and what I will present to the committee.

Best,

JENNY AMOS, PH.D. (she/her)
Teaching Professor
3242 Everitt Lab
Bioengineering | The Grainger College of Engineering

From: Silverman, Scott K <sks@illinois.edu>
Date: Wednesday, January 18, 2023 at 9:37 AM
To: Schulze, Heather A <schulze@illinois.edu>, Amos, Jenny <jamos@illinois.edu>
Cc: Downie, Stephen R <sdownie@illinois.edu>
Subject: RE: Question about EP.23.026 Chemistry, MA

Hi Jenny, Heather, Stephen,

The questions posed are, "The question is if there would ever be a benefit to a PhD student earning a MA instead of MS along the way to the PhD or if a PhD student was to stop their PhD and drop back to an MA instead of a MS? In other words, would there be a benefit to keeping the MA as a fallback option without admission?"

To answer, I don't see any benefit in MA rather than MS in any conceivable situation. Indeed, in Chemistry we're puzzled as to why we have an MA degree in the first place, noting that we have several kinds of BS degree but no BA degree. So, rather than have the MA degree in the system but with no historical usage in our records and no basis for ever thinking that we'll use it going forward, eliminating the MA seemed like the proper action to take.

We do have students switch from the PhD to the MS degree program relatively frequently (although still infrequently in the absolute sense), for various reasons such as they have reevaluated their career goals. We envision no case in which a student would want or need to switch from PhD to MA rather than MS.

We don't ever have a PhD student earn an MS along the way to the PhD. Our graduate degree programs are structured such that it's basically either-or: when a student is earning the PhD, there's no mechanism for them to earn an MS along the way.

Thanks,
Scott

Scott K. Silverman
Professor of Chemistry and Associate Head of Budget and Operations
140 Roger Adams Laboratory
Department of Chemistry, Box 57-5
University of Illinois at Urbana-Champaign
600 South Mathews Avenue
Urbana, IL 61801
<http://scs.illinois.edu/silverman>
tel (217) 244-4489
[@sksilverman](https://twitter.com/sksilverman) <https://twitter.com/sksilverman>

From: Schulze, Heather A <schulze@illinois.edu>
Sent: Wednesday, January 18, 2023 9:27 AM
To: Silverman, Scott K <sks@illinois.edu>
Cc: Amos, Jenny <jamos@illinois.edu>; Downie, Stephen R <sdownie@illinois.edu>
Subject: RE: Question about EP.23.026 Chemistry, MA

Hi Scott,

Can you please help me answer Jenny's questions below?

Kindest regards,
Heather

HEATHER SCHULZE

Student Services Coordinator

Department of Chemistry
College of Liberal Arts & Sciences
University of Illinois at Urbana-Champaign
505 S Mathews Ave
Box D-1, 109 Noyes Lab | M/C 712
Urbana, IL 61801
217.244.9875 | schulze@illinois.edu

From: Amos, Jenny <jamos@illinois.edu>

Sent: Wednesday, January 18, 2023 9:14 AM

To: Schulze, Heather A <schulze@illinois.edu>; Downie, Stephen R <sdownie@illinois.edu>

Subject: Question about EP.23.026 Chemistry, MA

Hello Heather and Steven,

I am the subcommittee chair in charge of reviewing and presenting your proposal to the Education Policy Committee. My subcommittee reviewed your proposal and had very few comments or concerns, but there is one question that I'd like to ask for an email response to in order to help me present it to the committee.

One of my subcommittee members raised a question about the elimination. The question is if there would ever be a benefit to a PhD student earning a MA instead of MS along the way to the PhD or if a PhD student was to stop their PhD and drop back to an MA instead of a MS? In other words, would there be a benefit to keeping the MA as a fallback option without admission?

There is no need to roll back the proposal for this minor question and I do not see any problems in getting this passed based on the subcommittee feedback. If you can let me know your response, then I will be able to address this concern when I present it to the committee.

Best,

JENNY AMOS, PH.D. (she/her)

Teaching Professor

Laura Hahn Faculty Scholar

Director, Master of Engineering in Bioengineering

Bioengineering | The Grainger College of Engineering
Biomedical and Translational Sciences | Carle Illinois College of Medicine
Health Sciences Engineering Center | Coordinated Sciences Laboratory
Curriculum & Instruction | College of Education
Industrial Design | School of Art + Design
Center for Global Studies (CGS)

Fellow | Biomedical Engineering Society (BMES)
Fellow | American Institute for Medical and Biological Engineers (AIMBE)

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