

# Deactivation Proposal

Date Submitted: 12/09/22 9:32 am

Viewing: **5024 : Astrochemistry**

## Concentration - Floating

Last approved: 10/09/19 4:22 pm

Last edit: 02/07/23 12:33 pm

Changes proposed by: Leslie Looney

[Astrochemistry Concentration](#)

Catalog Pages  
Using this  
Program

Proposal Type:

### In Workflow

1. U Program Review
2. 1430 Head
3. 1413 Head
4. SOCS Head
5. KV Dean
6. University Librarian
7. Grad\_College
8. Provost
9. Senate EPC
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. HLC
15. DOE
16. DMI

### Approval Path

1. 12/09/22 2:50 pm  
Emily Stuby  
(eastuby):  
Approved for U  
Program Review
2. 12/09/22 2:51 pm  
Leslie Looney  
(lwl): Approved  
for 1430 Head
3. 12/09/22 3:27 pm  
Scott Silverman  
(sks): Approved  
for 1413 Head
4. 01/06/23 4:18 pm  
Karla Denzler  
(denzler):  
Approved for  
SOCS Head
5. 01/09/23 11:50  
am  
Stephen Downie  
(sdownie):

- Approved for KV  
Dean
6. 01/09/23 12:21  
pm  
Chris Prom  
(prom): Approved  
for University  
Librarian
7. 02/01/23 3:33 pm  
Allison McKinney  
(agrindly):  
Approved for  
Grad\_College
8. 02/07/23 11:28  
am  
Brooke Newell  
(bsnewell):  
Approved for  
Provost

## History

1. Jun 20, 2019 by  
Deb Forgacs  
(dforgacs)
2. Oct 9, 2019 by  
Deb Forgacs  
(dforgacs)

Concentration (ex. Dietetics)

This proposal is  
for a:

**Revision**

[Phase Down/Elimination](#)

## Administration Details

Official Program Name	Astrochemistry Concentration - Floating
Diploma Title	
Sponsor College	Liberal Arts & Sciences
Sponsor Department	Astronomy
Sponsor Name	<u><a href="#">Leslie Looney</a></u>
Sponsor Email	<u><a href="mailto:lwl@illinois.edu">lwl@illinois.edu</a></u>

College Contact [Leslie Looney](#)

College Contact

Email

[lw1@illinois.edu](mailto:lw1@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 ~~No~~

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.

Astrochemistry had engagement of both astronomy and chemistry faculty

College [Liberal Arts & Sciences](#)

Department [Chemistry](#)

Is there an additional department involved in governance?

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 concentration in Astrochemistry in the College of Liberal Arts & 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)."

No

## Program Justification

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

Elimination of the Astrochemistry Concentration

Why are these changes necessary?

The faculty who were leading the program have left Illinois or retired. The required courses (ASTR/Chem 450 and 451) have not been taught since 2014 and 2015, respectively, and the last student was in 2011.

## 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?

Yes

Courses outside of the sponsoring department/interdisciplinary departments

[CHEM 450 - Astrochemistry](#)

[CHEM 451 - Astrochemistry Laboratory](#)

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

[Chemistry - eliminate Astrochem PhD Concentration.pdf](#)

## 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.

N/A

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.

#### Elimination of the program

Statement for

Programs of

Study Catalog

N/A

#### Course List

Code	Title	Hours
<del>Graduate level</del>	<del>Chemistry courses</del>	<del>12</del>
<del>Graduate level</del>	<del>Astronomy courses</del>	<del>12</del>
<del>ASTR/CHEM</del>	<del>Course ASTR 450 Not Found</del> (required, but may be taken to satisfy 4 450 required Chemistry or Astronomy courses above)	<del>4</del>
<del>Total Hours</del>		<del>0</del>

~~Other Requirements~~

~~Grad Other Degree Requirements~~

~~Requirement~~

~~Description~~

~~Other requirements may overlap~~

## Requirement

## Description

~~At least one member of each department must serve on the PhD thesis committee.  
Thesis research must be related to astrochemistry.~~

## Program Relationships

Corresponding

Program(s):

Corresponding Program(s)
Astronomy, PhD
Chemistry, 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

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 students, so no impact.

Number of Students in Program (estimate)

Year One Estimate

5th Year Estimate (or when  
fully implemented)

## 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?

N/A

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

No

Attach letters of  
support

Is this program requesting self-supporting status?

No

## Faculty Resources

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

No impacts.

## 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 impacts

## EP Documentation

EP Control Number

EP.23.038

Attach  
Rollback/Approval  
Notices

This proposal requires HLC inquiry No

## DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name Astrochemistry

Program Code: 5024

Minor Code	Conc Code	5024	Degree Code	Major Code
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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 Comments



**College of Liberal Arts & Sciences**

Department of Chemistry  
109 Noyes Laboratory, Box D-1, MC-712  
600 S. Mathews Ave.  
Urbana, IL 61801-3602

November 3, 2022

To Whom It May Concern,

After discussion with our colleagues in Astronomy, we agree to eliminate the Astrochemistry PhD Concentration. The departure of joint Chemistry/Astronomy faculty member Benjamin McCall has left us with no key Chemistry faculty member who has research interests that support the concentration. We understand that Astronomy also has no remaining faculty member with suitable research interests. Given these considerations, we agree that elimination of the Astrochemistry PhD concentration is the most appropriate action.

If you have any further questions, please let know.

Best Regards,

A handwritten signature in black ink, appearing to read 'Catherine J. Murphy'.

Catherine J. Murphy  
Head, Department of Chemistry  
Larry R. Faulkner Endowed Chair in Chemistry

