Deactivation Proposal

Program Change Request

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

Proposal Type:

Catalog Pages
Using this Program

In Workflow

1. U Program Review
2. 1430 Head
3. 1413 Head
4. SOCS Head
5. KV Dean
6. University Librarian
7. Grad_College 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. 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):
Concentration (ex. Dietetics)

This proposal is for a:

- Revision
- Phase Down/Elimination

**Administration Details**

<table>
<thead>
<tr>
<th>Official Program Name</th>
<th>Astrochemistry Concentration - Floating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diploma Title</td>
<td>Liberal Arts &amp; Sciences</td>
</tr>
<tr>
<td>Sponsor College</td>
<td>Astronomy</td>
</tr>
<tr>
<td>Sponsor Department</td>
<td></td>
</tr>
<tr>
<td>Sponsor Name</td>
<td>Leslie Looney</td>
</tr>
<tr>
<td>Sponsor Email</td>
<td><a href="mailto:lwl@illinois.edu">lwl@illinois.edu</a></td>
</tr>
</tbody>
</table>
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  Fall 2023
Term

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.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Graduate level Chemistry courses</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Graduate level Astronomy courses</td>
<td>12</td>
</tr>
<tr>
<td>ASTR/CHEM</td>
<td>Course ASTR 450 Not Found (required, but may be taken to satisfy 4 450 required Chemistry or Astronomy courses above)</td>
<td></td>
</tr>
</tbody>
</table>

Total Hours

Grad Other Degree Requirements

Other Requirements

Grad Other Degree Requirements

Requirement | Description
-------------|--------------
Other requirements may overlap
Program Relationships

Corresponding Program(s):

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Astronomy, PhD</td>
</tr>
<tr>
<td>Chemistry, PhD</td>
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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 currently have enrollment?  No

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

No students, so no impact.

Number of Students in Program (estimate)
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

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name

Program Code: 5024

<table>
<thead>
<tr>
<th>Minor Code</th>
<th>Conc Code</th>
<th>Degree Code</th>
<th>Major Code</th>
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<tr>
<td>5024</td>
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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

Key: 783
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,

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