

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

EP.23.042 Report of Changes to Non-Direct Admission through February 20, 2023

Listed below are changes to non-direct admission reported at the February 20, 2023 meeting of the Senate Committee on Educational Policy. Additional information for each changes to non-direct admission is attached.

A. Graduate Programs

- 1) **Non-Direct Admission to the Master of Science in Biochemistry in the College of Liberal Arts and Sciences and the Graduate College (key 40)** - This request does not represent a change in practice for this program. This request is to formalize an existing practice. The faculty of the Department of Biochemistry, approximately 25 years ago, decided to only admit students to the Biochemistry PhD program. This decision was made because very few students are well-served by a terminal Masters in Science in Biochemistry. The Biochemistry PhD program is the better choice for students in this discipline. Hence, given the small applicant pool, the Department of Biochemistry chose to not offer direct admission to the Master of Science in Biochemistry. Occasionally, a doctoral candidate, who fails in the PhD program, can be awarded the Biochemistry, MS as they will have completed the requirements for that program. It is the department's interest to continue this practice indefinitely.
- 2) **Non-Direct Admission to the Master of Science in Microbiology in the College of Liberal Arts and Sciences and the Graduate College (key 393)** - This request does not represent a change in practice for this program. This request is to formalize an existing practice. Based on long-term consensus of the faculty, the Department of Microbiology admits students only to the PhD program in Microbiology. Students in the PhD program are awarded an MS upon completion of the requirements. Students who are not successful in the PhD program, or choose not to complete the PhD, may be awarded the Microbiology MS if they have successfully completed the requirements for that program. It is the department's interest to continue this practice indefinitely.
- 3) **Non-Direct Admission to the Master of Science in Molecular and Integrative Physiology in the College of Liberal Arts and Sciences and the Graduate College (key 395)** - This request does not represent a change in practice for this program. This request is to formalize an existing practice. The faculty of the Department of Molecular & Integrative Physiology, since the creation of the School of Molecular and Cellular Biology, have decided to only admit students to the Molecular and Integrative Physiology PhD program. This decision was made because all graduate-student admissions are handled at the level of the School. Occasionally, a PhD student who is not successful in the PhD program, will be awarded the Molecular and Integrative Physiology MS degree provided they have successfully completed all of the requirements for that program. It is the department's interest to continue this practice indefinitely.
- 4) **Non-Direct Admission to the Master of Science in Cell and Developmental Biology in the College of Liberal Arts and Sciences and the Graduate College (key 160)** - A number of years ago, the faculty of the Department of Cell and Developmental Biology created a new Master of Science program as a path for Cell and Developmental Biology PhD students who did not wish to complete their PhD but had earned sufficient credits through classes and/or research. This request does not represent a change in practice.

This request is to formalize an existing practice. Other departments in the School of Molecular and Cellular Biology had non-direct admission Master of Science degree programs mainly used when a PhD student would leave the PhD program. In these rare cases, the student would have already met the requirements for the Master of Science degree and it would be awarded upon departure. Prior to the existence of this Master of Science degree, students in this department, leaving the PhD program, would have to petition for transfer to the Master of Science in Biology degree program. The Master of Science in Cell and Developmental Biology brought this department into alignment with how the other departments in the School of Molecular and Cellular Biology handled departures from the PhD programs. It is the department's interest to continue this practice indefinitely.

- 5) **Non-Direct Admission to the Master of Science in Biophysics and Quantitative Biology in the College of Liberal Arts and Sciences and the Graduate College (key 50)** - The faculty of the Center for Biophysics and Quantitative Biology decided long ago to only admit students to its PhD program. This decision was made, in part, so that this program would be in alignment with the Master of Science degrees of the other units in the School of Molecular and Cellular Biology. This decision was also made because occasionally, a PhD student who is not successful in the PhD program, will be awarded the Biophysics and Quantitative Biology MS degree provided they have successfully completed all of the requirements for that program. It is the department's interest to continue this practice indefinitely.

Program Change Request

Date Submitted: 01/26/23 2:13 pm

Viewing: **10KS0318MS : Biochemistry,
MS**

Last approved: 09/06/22 10:04 am

Last edit: 02/15/23 3:15 pm

Changes proposed by: Melissa Michael

Catalog Pages [Biochemistry, MS](#)
Using this
Program

Proposal Type:

In Workflow

1. U Program Review
2. 1438 Head
3. SMCB 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. 01/27/23 9:47 am
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 01/27/23 10:38
am
Melissa Michael
(mmichae):
Approved for 1438
Head
3. 01/27/23 10:39
am
Melissa Michael
(mmichae):
Approved for
SMCB Head
4. 01/28/23 2:10 pm
Stephen Downie
(sdownie):
Approved for KV
Dean
5. 01/29/23 8:42 am

Chris Prom
(prom): Approved
for University
Librarian

6. 02/07/23 8:49 am
Allison McKinney
(agrindly):

Approved for
Grad_College

7. 02/15/23 2:49 pm
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Jan 17, 2020 by
Mary Lowry
(lowry)
2. Sep 6, 2022 by
Mary Lowry
(lowry)

Major (ex. Special Education)

This proposal is
for a:
Revision

Administration Details

Official Program Name Biochemistry, MS

Diploma Title

Sponsor College Liberal Arts & Sciences

Sponsor Department Biochemistry

Sponsor Name [Melissa Michael, Assoc. Dir. for Curriculum and Instruction](#)

Sponsor Email mmichae@illinois.edu

College Contact [Stephen 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)

Non-Direct Admission to the Master of Science in Biochemistry 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.

The Department of Biochemistry is requesting Non-Direct Admission status for the Biochemistry, MS program.

Did the program content change 25% or more in relation to the total credit hours, since the 2020-2021 catalog. (<http://catalog.illinois.edu/archivedacademiccatalogs/2020-2021/>)

No

Why are these changes necessary?

This request does not represent a change in our practice. This request is to formalize an existing practice. The faculty of the Department of Biochemistry, approximately 25 years ago, decided to only admit students to the Biochemistry PhD program. This decision was made because very few students are well-served by a terminal Masters in Science in Biochemistry. The Biochemistry PhD program is the better choice for students in this discipline. Hence, given the small applicant pool, the Department of Biochemistry chose to not offer direct admission to the Master of Science in Biochemistry. Occasionally, a doctoral candidate, who fails in the PhD program, can be awarded the Biochemistry, MS as they will have completed the requirements for that program. It is our interest to continue this practice indefinitely.

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.

At the conclusion of the degree program students will be able to:

1. Develop and demonstrate an in-depth knowledge of a specific area of biochemical research, which may include (but is not limited to) protein, nucleic acid and/or membrane biochemistry, cancer and molecular immunology, computational and quantitative biology, etc.
2. Demonstrate independent and critical skills necessary to formulate specific experiments aimed at understanding molecular processes.
3. Gain the necessary experience and skills to train others in the performance of experiments.
4. Develop communication skills suitable to discuss scientific outcomes at a level for the layperson to understand but critical enough for peers. Typically, such training is developed through writing and editing scientific manuscripts, with input from a faculty advisor.
5. Deliver effective oral and written presentations of the results and conclusions of experimental work.
6. Be able to ask and answer questions within the research areas of Biochemistry.
7. Develop skills and abilities for effective teaching of Biochemistry in a course room setting.
8. Develop the skills and intellectual background to succeed at postdoctoral work in academics or in the commercial sector.
9. Demonstrate ethical conduct within the research process and the responsibilities of the scientist.

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.

Revised programs [BIOC Report-of-Change-to-Non-Direct-Admission-Status 24 Jan 2023.docx](#)

Attach a revised Sample Sequence (for undergraduate program) or college-level forms.

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
	Core curriculum	20
BIOC 599	Thesis Research (12 max applied toward degree)	0-12
	Total Hours	32

Other Requirements

Grad Other Degree Requirements

Requirement Description

Other requirements may overlap

Minimum Hours Required Within the Unit: 8

Minimum 500-level Hours Required Overall: 12

Minimum GPA: 3.0

Non-Thesis Option

Course List

Code Title Hours

Core curriculum 32

Total Hours 32

Other Requirements

Grad Other Degree Requirements

Requirement Description

Other requirements may overlap

Minimum Hours Required Within the Unit: 8

Minimum 500-level Hours Required Overall: 12

Minimum GPA: 3.0

Corresponding Degree MS Master of Science

Program Features

Academic Level Graduate

Does this major have transcribed concentrations? No

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 260202 - Biochemistry.

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?

No

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

Enrollment

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

This proposal will not impact enrollment or degrees awarded. There are no students currently in this degree program. We use this program very rarely when a student in the PhD program leaves that program but has fulfilled the requirements of the Biochemistry, MS. The Department of Biochemistry would like to retain this option.

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

Faculty Resources

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

Because this proposal represents our current and long-time practice, there will be no effect 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.

Because this proposal represents our current and long-time practice, and because no new course or student requirements are being proposed, there will be no effect on Library resources.

EP Documentation

EP Control Number EP.23.042

Attach
Rollback/Approval
Notices

This proposal No
requires HLC
inquiry

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook Name MS:Biochemistry -UIUC

Program Code: 10KS0318MS

Minor Code	Conc Code	Degree Code	MS	Major Code
0318				

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

Brooke Newell (bsnewell) (01/26/23 12:13 pm): Rollback: Please revise the library statement to read "Because this proposal represents our current and long-time practice, and because no new course or student requirements are being proposed, there will be no effect on Library resources."

Allison McKinney (agrindly) (02/07/23 8:49 am): Administratively approved.

Report to the Senate Educational Policy Committee of a Change to Non-Direct Admission Status for a Degree or Major

Non-Direct Admission Designated Program (previously “Permanent Suspension”) – A graduate program that does not directly admit students. For example, the program may exist to award a degree to students who are not able to complete the requirements for their original program, but who have met the requirements for the Non-Direct Admission Designated Program. Once completed, please upload this as part of a CIM Program revision online. If you have questions, please email Brooke Newell (bsnewell@illinois.edu).

Suspension of Admission in order to Eliminate or Replace a Program – To phase down and eliminate a program. This is not the appropriate form. Please complete a phase down/elimination in the CIM P online system.

Temporary Suspension – To temporarily suspend admission to a program for a semester, year, or more. This is not the appropriate form. Please fill out the **Temporarily Suspend Admission** form.

PROGRAM INFORMATION

1. Official Program Name: Biochemistry, MS
2. What governance process was used to make this decision? The faculty of the Department of Biochemistry, approximately 25 years ago, decided to only admit students to the PhD program in Biochemistry. This decision was made due to a lack of interest as very few candidate apply to a terminal Masters program, rather than the doctoral program. Hence, given the small applicant pool, Biochemistry chose to not offer admissions to such a program. Occasionally, a doctoral candidate, who fails in the PhD program, can be awarded the Biochemistry, MS as they will have completed the requirements for that program. It is our interest to continue this practice indefinitely.
3. Have students been accepted, but not yet matriculated into the program? No
4. How many students are currently enrolled in the program? Zero
5. If students are currently enrolled in the program, does this change to Non-Direct Admission status affect them? There are no students enrolled in this program.
6. Please list any other Non-Direct Admission programs in your department: There are no other Non-Direct Admission programs in the Department of Biochemistry.

INSTRUCTIONAL RESOURCES

7. Does this change affect any other units on campus? Yes / **No (X)**
If yes, please explain. Please attach your communication with the affected units to this proposal as an appendix (required).
8. Does this change affect students outside of the unit? Yes / **No (X)**
If yes, please explain.

9. Catalog Page Text: The text below will appear on the Academic Catalog page unless the sponsoring unit needs alternative text. If that is the case, provide the text below.

The Department of Biochemistry would prefer that the following statement be used in the Academic Catalog.

The Department of Biochemistry does not admit students to the Biochemistry MS degree program. Admission to graduate study is only through the PhD degree program. Information about the Biochemistry PhD program can be found [here](#).

Program Change Request

Date Submitted: 01/26/23 2:15 pm

Viewing: **10KS0322MS : Microbiology,
MS**

Last approved: 09/15/22 8:03 am

Last edit: 02/15/23 3:16 pm

Changes proposed by: Melissa Michael

Catalog Pages [Microbiology, MS](#)
Using this
Program

Proposal Type:

In Workflow

1. U Program Review
2. 1948 Head
3. SMCB 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. 01/27/23 9:47 am
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 01/27/23 10:38
am
Melissa Michael
(mmichae):
Approved for 1948
Head
3. 01/27/23 10:39
am
Melissa Michael
(mmichae):
Approved for
SMCB Head
4. 01/28/23 2:11 pm
Stephen Downie
(sdownie):
Approved for KV
Dean
5. 01/29/23 8:43 am

Chris Prom
(prom): Approved
for University
Librarian

6. 02/07/23 8:50 am
Allison McKinney

(agrindly):
Approved for
Grad_College

7. 02/15/23 2:49 pm
Brooke Newell

(bsnewell):
Approved for
Provost

History

1. Jan 22, 2020 by
Mary Lowry
(lowry)

2. Sep 14, 2022 by
Mary Lowry
(lowry)

3. Sep 15, 2022 by
Emily Stuby
(eastuby)

Major (ex. Special Education)

This proposal is
for a:
Revision

Administration Details

Official Program Name Microbiology, MS

Diploma Title

Sponsor College Liberal Arts & Sciences

Sponsor Department Microbiology

Sponsor Name [Melissa Michael, Assoc. Dir. for Curriculum and Instruction](#)

Sponsor Email mmichae@illinois.edu

College Contact [Stephen 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 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)

Non-Direct Admission to the Master of Science in Microbiology 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.

The Department of Microbiology is requesting Non-Direct Admission status for the Biochemistry, MS program.

Did the program content change 25% or more in relation to the total credit hours, since the 2020-2021 catalog. (<http://catalog.illinois.edu/archivedacademiccatalogs/2020-2021/>)

No

Why are these changes necessary?

This request does not represent a change in our practice. This request is to formalize an existing practice. Based on long-term consensus of the faculty, the Department of Microbiology admits students only to the PhD program in Microbiology. Students in the PhD program are awarded an MS upon completion of the requirements. Students who are not successful in the PhD program, or choose not to complete the PhD, may be awarded the Microbiology MS if they have successfully completed the requirements for that program. It is our intention to continue this practice indefinitely.

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.

There are no Microbiology, MS Learning Outcomes listed in the Academic Catalog. The LOs for this degree program would be similar or identical to those listed for the Microbiology PhD program. Those are listed below.

Students graduating with a PhD in Microbiology will have:

Effective oral communication skills that are developed via one or more of the following tasks: group discussions in courses; presentations in departmental seminar courses; discussion of scientific topics in courses; defending their work in a preliminary exam; acting as a teaching assistant for at least 2 semesters; giving yearly student seminars.

Effective written communication skills that are developed via one or more of the following tasks: writing at least one original, full-length manuscript that has been accepted for publication in a refereed journal; writing a dissertation; writing an NIH-style grant for the preliminary exam.

A level of competency and research independence commensurate with the degree, such that they can obtain an initial science-related placement in a job that uses critical thinking components.

Demonstrated ability to organize and execute a research project that uses critical-thinking components and problem-solving expertise, hypothesis-driven, and fills a gap in knowledge.

Knowledge of the discipline and acquired technical skills in general Microbiology and in their specialized Microbiology research area.

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.

Revised programs [MICR Report-of-Change-to-Non-Direct-Admission-Status-Final 24 Jan 2023.docx](#)

Attach a revised Sample Sequence (for undergraduate program) or college-level forms.

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
	Coursework (not including MICR 590)	8
	Research/Project Hours (4 min applied toward degree)	4
	MICR 599 Thesis Research (0 min applied toward degree)	0
	Total Hours	32

Other Requirements

Grad Other Degree Requirements

Requirement

Description

Other requirements may overlap

Minimum Hours Required Within the Unit:

8 (500 level)

Minimum Number of 500-level Hours Required Overall in Program:

12

Completion of one of the following and approval by the research advisor and head of the department: a research thesis; submission of a manuscript with the candidate as first author and to which the candidate has made the major contribution; the successful passing of the departmental preliminary exam.

Minimum GPA:

3.0

Non-Thesis Option

Course List

Code	Title	Hours
	Coursework (not including MICR 590)	8
	Research/Project Hours (4 min applied toward degree)	4
	Total Hours	32

Other Requirements

Grad Other Degree Requirements

Requirement

Description

Other requirements may overlap

Minimum Hours Required Within the Unit:

8 (500 level)

Minimum Number of 500-level Hours Required Overall in Program:

12

Completion of one of the following and approval by the research advisor and head of the department: a research thesis; submission of a manuscript with the candidate as first author and to which the candidate has made the major contribution; the successful passing of the

Requirement	Description
departmental preliminary exam. Minimum GPA:	3.0

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?

2 years

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

32

What is the required GPA? 3.0

CIP Code 260502 - Microbiology, 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

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

No

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

Enrollment

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

This proposal will not impact enrollment or degrees awarded. There are no students currently in this degree program. We use this program in two instances: 1) when Microbiology, PhD students complete the requirements for the Microbiology, MS and 2) very rarely when a student in the PhD program leaves that program but has fulfilled the requirements of the Microbiology, MS. The Department of Microbiology would like to retain this option.

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

Faculty Resources

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

Because this proposal represents our current and long-time practice, there will be no effect 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.

Because this proposal represents our current and long-time practice, and because no new course or student requirements are being proposed, there will be no effect on Library resources.

EP Documentation

EP Control Number EP.23.042

Attach Rollback/Approval Notices

This proposal requires HLC inquiry No

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name MS:Microbiology -UIUC

Program Code:	10KS0322MS			
Minor Code	Conc Code	Degree Code	MS	Major Code
0322				

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 **Brooke Newell (bsnewell) (01/26/23 12:13 pm):** Rollback: Please revise the library statement to read "Because this proposal represents our current and long-time practice, and because no new course or student requirements are being proposed, there will be no effect on Library resources."
Allison McKinney (agrindly) (02/07/23 8:50 am): Administratively approved.

Report to the Senate Educational Policy Committee of a Change to Non-Direct Admission Status for a Degree or Major

Non-Direct Admission Designated Program (previously “Permanent Suspension”) – A graduate program that does not directly admit students. For example, the program may exist to award a degree to students who are not able to complete the requirements for their original program, but who have met the requirements for the Non-Direct Admission Designated Program. Once completed, please upload this as part of a CIM Program revision online. If you have questions, please email Brooke Newell (bsnewell@illinois.edu).

Suspension of Admission in order to Eliminate or Replace a Program – To phase down and eliminate a program. This is not the appropriate form. Please complete a phase down/elimination in the CIM P online system.

Temporary Suspension – To temporarily suspend admission to a program for a semester, year, or more. This is not the appropriate form. Please fill out the **Temporarily Suspend Admission** form.

PROGRAM INFORMATION

1. Official Program Name: Microbiology, MS
2. What governance process was used to make this decision? Based on long-term consensus of the faculty, the Department of Microbiology admits students only to the PhD program in Microbiology. Students in the PhD program are awarded an MS upon completion of the requirements. Students who are not successful in the PhD program, or choose not to complete the PhD, may also be awarded the Microbiology MS if they have successfully completed the requirements for that program. It is our intention to continue this practice indefinitely.
3. Have students been accepted, but not yet matriculated into the program? No
4. How many students are currently enrolled in the program? Zero
5. If students are currently enrolled in the program, does this change to Non-Direct Admission status affect them? There are no students enrolled in this program.
6. Please list any other Non-Direct Admission programs in your department: There are no other Non-Direct Admission programs in the Department of Microbiology.

INSTRUCTIONAL RESOURCES

7. Does this change affect any other units on campus? Yes / **No (X)**
If yes, please explain. Please attach your communication with the affected units to this proposal as an appendix (required).
8. Does this change affect students outside of the unit? Yes / **No (X)**
If yes, please explain.

9. Catalog Page Text: The text below will appear on the Academic Catalog page unless the sponsoring unit needs alternative text. If that is the case, provide the text below.

The Department of Microbiology would prefer that the following statement be used in the Academic Catalog.

The Department of Microbiology does not admit students to the Microbiology MS degree program. Admission to graduate study is only through the PhD degree program. Information about the Microbiology PhD program can be found [here](#).

Program Change Request

Date Submitted: 01/26/23 2:16 pm

Viewing: **10KS0325MS : Molecular and Integrative Physiology, MS**

Last approved: 09/14/22 4:11 pm

Last edit: 02/15/23 3:16 pm

Changes proposed by: Melissa Michael

[Molecular & Integrative Physiology, MS](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. U Program Review
2. 1604 Head
3. SMCB 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. 01/27/23 9:47 am
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 01/27/23 10:38
am
Melissa Michael
(mmichae):
Approved for 1604
Head
3. 01/27/23 10:39
am
Melissa Michael
(mmichae):
Approved for
SMCB Head
4. 01/28/23 2:12 pm
Stephen Downie
(sdownie):
Approved for KV
Dean
5. 01/29/23 8:43 am

Chris Prom
(prom): Approved
for University
Librarian

6. 02/07/23 8:50 am
Allison McKinney
(agrindly):

Approved for
Grad_College

7. 02/15/23 2:49 pm
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Nov 19, 2019 by
Mary Lowry
(lowry)
2. Sep 14, 2022 by
Mary Lowry
(lowry)

Major (ex. Special Education)

This proposal is
for a:
Revision

Administration Details

Official Program Name Molecular and Integrative Physiology, MS

Diploma Title

Sponsor College Liberal Arts & Sciences

Sponsor Department Molecular & Integrative Physl

Sponsor Name [Melissa Michael, Assoc. Dir. for Curriculum and Instruction](#)

Sponsor Email mmichae@illinois.edu

College Contact [Stephen 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)

Non-Direct Admission to the Master of Science in Molecular and Integrative Physiology
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.

The Department of Molecular and Integrative Physiology is requesting Non-Direct Admission status for the Molecular and Integrative Physiology, MS program.

Did the program content change 25% or more in relation to the total credit hours, since the 2020-2021 catalog. (<http://catalog.illinois.edu/archivedacademiccatalogs/2020-2021/>)

No

Why are these changes necessary?

This request does not represent a change in our practice. This request is to formalize an existing practice. The faculty of the Department of Molecular & Integrative Physiology, since the creation of the School of Molecular and Cellular Biology, have decided to only admit students to the Molecular and Integrative Physiology PhD program. This decision was made because all graduate-student admissions are handled at the level of the School. Occasionally, a PhD student who is not successful in the PhD program, will be awarded the Molecular and Integrative Physiology MS degree provided they have successfully completed all of the requirements for that program. It is our intention to continue this practice indefinitely.

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.

1. Acquire in-depth, leading-edge knowledge of physiological function at multiple levels of biological organization spanning molecular, cellular, tissue and organismal levels.
2. Learn the skills and methodologies of scientific inquiry necessary to conduct original, independent research in physiology that expands the frontiers of knowledge in the field.
3. Develop the professional skills for responsible conduct of research and embody the ethical principles necessary to behave with honesty, integrity, objectivity, and respect in all professional interactions.
4. To develop effective scientific literacy skills necessary to read, write, critique, and analyze a wide range of written materials, including primary scientific literature, review articles, grant proposals, and teaching materials.
5. To become an effective oral communicator of scientific information in multiple settings, including individual and small group discussions, seminars, classroom instruction, and public engagement.

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.

Revised programs [MIP Report-of-Change-to-Non-Direct-Admission-Status-Final 24 Jan 2023.docx](#)

Attach a revised Sample Sequence (for undergraduate program) or college-level forms.

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

Course List

Code	Title	Hours
MCB 401	Cellular Physiology	6
& MCB 402	and Sys & Integrative Physiology (College of Medicine M1 Physiology, both semesters, or equivalent, or proficiency exam.)	
MCB 501	Advanced Biochemistry	4
MCB 502	Advanced Molecular and Cell Biology	4
MCB 509	Curr Topics Mol & Int Physiol	2
MCB 580	Res Ethics & Responsibilities	1
	Six credit hours taken from the department's Course Menu. See Course List tab.	6
	Required registration in MIP 595 each semester until passing the qualifying exam	0-8

Code	Title	Hours
MCB 581	Laboratory Rotation I	9
& MCB 582	and Laboratory Rotation II	
& MCB 583	and Laboratory Rotation III	
Total Hours		32
Other Requirements		
Grad Other Degree Requirements		
Requirement		Description
Other requirements may overlap		
Minimum Number of 500-level Hours Required Overall in Program:		12
Students whose native language is other than English are required to have passed the SPEAK test before taking the Qualifying Examination.		
Passing the qualifying exam is required.		
All core courses must be completed with grades of B or above.		
Minimum GPA:		2.75

Corresponding Degree MS Master of Science

Program Features

Academic Level Graduate

Does this major have transcribed concentrations? No

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? 2.75

CIP Code 260901 - Physiology, 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?

No

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

Enrollment

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

This proposal will not impact enrollment or degrees awarded. There are no students currently in this degree program. The program is used very rarely when a student in the PhD program leaves that program but has fulfilled the requirements of the Molecular and Integrative Physiology, MS. The Department of Molecular and Integrative Physiology would like to retain this option.

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

Faculty Resources

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

Because this proposal represents our current and long-time practice, there will be no effect 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.

Because this proposal represents our current and long-time practice, and because no new course or student requirements are being proposed, there will be no effect on Library resources.

EP Documentation

EP Control Number

EP.23.042

Attach Rollback/Approval Notices

This proposal requires HLC inquiry

No

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook Name MS:Mole & Integrat Phys -UIUC

Program Code: 10KS0325MS

Minor Code	Conc Code	Degree Code	MS	Major Code
0325				

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 **Brooke Newell (bsnewell) (01/26/23 12:13 pm):** Rollback: Please revise the library statement to read "Because this proposal represents our current and long-time practice, and because no new course or student requirements are being proposed, there will be no effect on Library resources."
Allison McKinney (agrindly) (02/07/23 8:50 am): Administratively approved.

Report to the Senate Educational Policy Committee of a Change to Non-Direct Admission Status for a Degree or Major

Non-Direct Admission Designated Program (previously “Permanent Suspension”) – A graduate program that does not directly admit students. For example, the program may exist to award a degree to students who are not able to complete the requirements for their original program, but who have met the requirements for the Non-Direct Admission Designated Program. Once completed, please upload this as part of a CIM Program revision online. If you have questions, please email Brooke Newell (bsnewell@illinois.edu).

Suspension of Admission in order to Eliminate or Replace a Program – To phase down and eliminate a program. This is not the appropriate form. Please complete a phase down/elimination in the CIM P online system.

Temporary Suspension – To temporarily suspend admission to a program for a semester, year, or more. This is not the appropriate form. Please fill out the **Temporarily Suspend Admission** form.

PROGRAM INFORMATION

1. Official Program Name: Molecular and Integrative Physiology, MS
2. What governance process was used to make this decision? The faculty of the Department of Molecular & Integrative Physiology, since the creation of the School of Molecular and Cellular Biology, have decided to only admit students to its PhD program. This decision was made because all graduate-student admissions are handled at the level of the School. Occasionally, a PhD student who is not successful in the PhD program, will be awarded the Molecular and Integrative Physiology MS degree provided they have successfully completed all of the requirements for that program. It is our intention to continue this practice indefinitely.
3. Have students been accepted, but not yet matriculated into the program? No
4. How many students are currently enrolled in the program? Zero
5. If students are currently enrolled in the program, does this change to Non-Direct Admission status affect them? There are no students enrolled in this program.
6. Please list any other Non-Direct Admission programs in your department: There are no other Non-Direct Admission programs in the Department of Molecular and Integrative Physiology.

INSTRUCTIONAL RESOURCES

7. Does this change affect any other units on campus? Yes / **No (X)**
If yes, please explain. Please attach your communication with the affected units to this proposal as an appendix (required).
8. Does this change affect students outside of the unit? Yes / **No (X)**
If yes, please explain.

9. Catalog Page Text: The text below will appear on the Academic Catalog page unless the sponsoring unit needs alternative text. If that is the case, provide the text below.

The Department of Molecular and Integrative Physiology would prefer that the following statement be used in the Academic Catalog.

The Department of Molecular & Integrative Physiology does not admit students to the Molecular & Integrative Physiology MS degree program. Admission to graduate study is only through the PhD degree program. Information about the Molecular & Integrative Physiology PhD program can be found [here](#).

Program Change Request

Date Submitted: 01/26/23 2:14 pm

Viewing: **10KS4094MS : Cell and Developmental Biology, MS**

Last approved: 07/05/22 2:21 pm

Last edit: 02/15/23 3:16 pm

Changes proposed by: Melissa Michael

Catalog Pages [Cell & Developmental Biology, MS](#)
Using this Program

Proposal Type:

In Workflow

1. U Program Review
2. 1584 Head
3. SMCB 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. 01/27/23 9:47 am
Deb Forgacs (dforgacs):
Approved for U Program Review
2. 01/27/23 10:37 am
Melissa Michael (mmichae):
Approved for 1584 Head
3. 01/27/23 10:39 am
Melissa Michael (mmichae):
Approved for SMCB Head
4. 01/28/23 2:13 pm
Stephen Downie (sdownie):
Approved for KV Dean
5. 01/29/23 8:44 am

Chris Prom
(prom): Approved
for University
Librarian

6. 02/07/23 8:50 am
Allison McKinney
(agrindly):

Approved for
Grad_College

7. 02/15/23 2:49 pm
Brooke Newell
(bsnewell):
Approved for
Provost

History

1. Jan 18, 2020 by
Mary Lowry
(lowry)
2. Jul 5, 2022 by
Mary Lowry
(lowry)

Major (ex. Special Education)

This proposal is
for a:
Revision

Administration Details

Official Program Name Cell and Developmental Biology, MS

Diploma Title

Sponsor College Liberal Arts & Sciences

Sponsor Department Cell and Developmental Biology

Sponsor Name [Melissa Michael, Assoc. Dir. for Curriculum and Instruction](#)

Sponsor Email mmichae@illinois.edu

College Contact [Stephen 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)

Non-Direct Admission to the Master of Science in Cell and Developmental Biology 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.

The Department of Cell and Developmental Biology is requesting Non-Direct Admission status for the Cell and Developmental Biology, MS program.

Did the program content change 25% or more in relation to the total credit hours, since the 2020-2021 catalog. (<http://catalog.illinois.edu/archivedacademiccatalogs/2020-2021/>)

No

Why are these changes necessary?

A number of years ago, the faculty of the Department of Cell and Developmental Biology created a new Master of Science program as a path for Cell and Developmental Biology PhD students who did not wish to complete their PhD but had earned sufficient credits through classes and/or research. This request does not represent a change in our practice. This request is to formalize an existing practice. Other departments in the School of Molecular and Cellular Biology had non-direct admission Master of Science degree programs mainly used when a PhD student would leave the PhD program. In these rare cases, the student would have already met the requirements for the Master of Science degree and it would be awarded upon departure. Prior to the existence of this Master of Science degree, students in this department, leaving the PhD program, would have to petition for transfer to the Master of Science in Biology degree program. The Master of Science in Cell and Developmental Biology brought this department into alignment with how the other departments in the School of Molecular and Cellular Biology handled departures from the PhD programs. It is our interest to continue this practice indefinitely.

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.

Cell & Developmental Biology graduates will:

1. Have mastered the foundational knowledge that defines the fields of cell and developmental biology.
2. Be able to write clearly and effectively about cell and developmental biology at the graduate level as well as in layperson terms.
3. Be able to explain cell and developmental biology orally to professional scientists, students of the discipline, and to a lay audience.
4. Be prepared to teach foundational cell and developmental biology at the college level.
5. Be able to analyze scientific data and draw conclusions from it.
6. Be able to identify important unsolved problems in cell and developmental biology.
7. Be able to articulate a hypothesis of an unsolved problem and design a research plan to test the hypothesis.
8. Be able to perform controlled experiments to test hypotheses.
9. Be able to organize results from experiments into a clear narrative that advances the field.
10. Be able to articulate the significance of their research in the broader context of the field.

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.

Revised programs [CDB Report-of-Change-to-Non-Direct-](#)

[Admission-Status-24 Jan 2023.docx](#)

Attach a revised Sample Sequence (for undergraduate program) or college-level forms.

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

Course List

Code	Title	Hours
MCB 501	Advanced Biochemistry	4
MCB 502	Advanced Molecular and Cell Biology	4
MCB 529	Special Topics in Cell and Developmental Biology (Section WRI)	2
MCB 580	Res Ethics & Responsibilities	1
MCB 581	Laboratory Rotation I	9
& MCB 582	and Laboratory Rotation II	
& MCB 583	and Laboratory Rotation III	
CDB 595	Graduate Sem Cell Devel Biol (Sections A and C) CDB 595 Section A and CDB 595 Section C must each be taken once for 1 credit hour each.	2
Approved elective coursework hours to bring total course work hours to 32		10
Total Hours		32

Other Requirements

Grad Other Degree Requirements

Requirement	Description
Other requirements may overlap	
Completion of one of the following: Pass the Preliminary Exam, or approval of the graduate program committee (chaired by a tenured CDB faculty member and comprised of at least 5 CDB faculty members), or by approval of the research advisor and department head.	
Minimum GPA:	3.00
Cell and Developmental Biology, MS Other Requirements	

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? 1.5 years

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

32

What is the
required GPA?

3.0

CIP Code

260401 - Cell/Cellular Biology and
Histology.

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

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

No

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

Enrollment

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

This proposal will not impact enrollment or degrees awarded. There are no students currently in this degree program. We use this program very rarely when a student in the PhD program leaves that program but has fulfilled the requirements of the Cell and Developmental Biology, MS. The Department of Cell and Developmental Biology would like to retain this option.

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

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

Faculty Resources

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

Because this proposal represents our current and long-time practice, there will be no effect 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.

Because this proposal represents our current and long-time practice, and because no new course or student requirements are being proposed, there will be no effect on Library resources.

EP Documentation

EP Control Number EP.23.042

Attach
Rollback/Approval
Notices

This proposal No
requires HLC
inquiry

DMI Documentation

Attach Final
Approval Notices

Banner/Codebook Name MS:Cell & Developmntl Biol-UIUC

Program Code: 10KS4094MS

Minor Code	Conc Code	Degree Code	MS	Major Code
4094				

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 **Brooke Newell (bsnewell) (01/26/23 12:13 pm):** Rollback: Please revise the library statement to read "Because this proposal represents our current and long-time practice, and because no new course or student requirements are being proposed, there will be no effect on Library resources."
Allison McKinney (agrindly) (02/07/23 8:50 am): Administratively approved.

Report to the Senate Educational Policy Committee of a Change to Non-Direct Admission Status for a Degree or Major

Non-Direct Admission Designated Program (previously “Permanent Suspension”) – A graduate program that does not directly admit students. For example, the program may exist to award a degree to students who are not able to complete the requirements for their original program, but who have met the requirements for the Non-Direct Admission Designated Program. Once completed, please upload this as part of a CIM Program revision online. If you have questions, please email Brooke Newell (bsnewell@illinois.edu).

Suspension of Admission in order to Eliminate or Replace a Program – To phase down and eliminate a program. This is not the appropriate form. Please complete a phase down/elimination in the CIM P online system.

Temporary Suspension – To temporarily suspend admission to a program for a semester, year, or more. This is not the appropriate form. Please fill out the **Temporarily Suspend Admission** form.

PROGRAM INFORMATION

1. Official Program Name: Cell and Developmental Biology, MS
2. What governance process was used to make this decision? A number of years ago the faculty of the Department of Cell and Developmental Biology created a new Master of Science program as a path for Cell and Developmental Biology PhD students who did not wish to complete their PhD but had earned sufficient credits through classes and/or research. This request does not represent a change in our practice. This request is to formalize an existing practice. Other departments in the School of Molecular and Cellular Biology had non-direct admission Master of Science degree programs mainly used when a PhD student would leave the PhD program. In these rare cases, the student would have already met the requirements for the Master of Science degree and it would be awarded upon departure. Prior to the existence of this Master of Science degree, students in this department, leaving the PhD program, would have to petition for transfer to the Master of Science in Biology degree program. The Master of Science in Cell and Developmental Biology brought this department into alignment with how the other departments in the School of Molecular and Cellular Biology handled departures from the PhD programs. It is our interest to continue this practice indefinitely.
3. Have students been accepted, but not yet matriculated into the program? No
4. How many students are currently enrolled in the program? Zero
5. If students are currently enrolled in the program, does this change to Non-Direct Admission status affect them? There are no students enrolled in this program.
6. Please list any other Non-Direct Admission programs in your department: There are no other Non-Direct Admission programs in the Department of Cell and Developmental Biology.

INSTRUCTIONAL RESOURCES

7. Does this change affect any other units on campus? Yes / **No (X)**
If yes, please explain. Please attach your communication with the affected units to this proposal as an appendix (required).
8. Does this change affect students outside of the unit? Yes / **No (X)**
If yes, please explain.
9. Catalog Page Text: The text below will appear on the Academic Catalog page unless the sponsoring unit needs alternative text. If that is the case, provide the text below.

The Department of Cell and Developmental Biology would prefer that the following statement be used in the Academic Catalog.

The Department of Cell & Developmental Biology does not admit students to the Cell & Developmental Biology MS degree program. Admission to graduate study is only through the PhD degree program. Information about the Cell & Developmental degree PhD program can be found [here](#).

Program Change Request

Date Submitted: 01/31/23 1:39 pm

Viewing: **10KS5414MS : Biophysics and Quantitative Biology, MS**

Last approved: 07/05/22 2:16 pm

Last edit: 02/15/23 3:17 pm

Changes proposed by: Melissa Michael

[Biophysics & Quantitative Biology, MS](#)

Catalog Pages
Using this
Program

Proposal Type:

In Workflow

1. U Program Review
2. 1415 Head
3. SMCB 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. 01/31/23 4:01 pm
Deb Forgacs (dforgacs):
Approved for U Program Review
2. 01/31/23 4:03 pm
Melissa Michael (mmichae):
Approved for 1415 Head
3. 01/31/23 4:03 pm
Melissa Michael (mmichae):
Approved for SMCB Head
4. 01/31/23 4:08 pm
Stephen Downie (sdownie):
Approved for KV Dean
5. 01/31/23 4:27 pm
Chris Prom (prom): Approved

- for University Librarian
- 6. 02/07/23 8:50 am
Allison McKinney (agrindly):
Approved for Grad_College
- 7. 02/15/23 2:49 pm
Brooke Newell (bsnewell):
Approved for Provost

History

1. Oct 29, 2019 by Mary Lowry (lowry)
2. Jul 5, 2022 by Mary Lowry (lowry)

Major (ex. Special Education)

This proposal is for a:
Revision

Administration Details

Official Program Name	Biophysics and Quantitative Biology, MS	
Diploma Title		
Sponsor College	Liberal Arts & Sciences	
Sponsor Department	Molecular and Cellular Biology	
Sponsor Name	Melissa Michael, Asst. Dir. for Curriculum & Instruction	
Sponsor Email	mmichae@illinois.edu	
College Contact	Stephen 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)

Non-Direct Admission to the Master of Science in Biophysics and Quantitative Biology 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.

The Center for Biophysics and Quantitative Biology is requesting Non-Direct Admission status for the Biophysics and Quantitative Biology, MS program.

Did the program content change 25% or more in relation to the total credit hours, since the 2020-2021 catalog. (<http://catalog.illinois.edu/archivedacademiccatalogs/2020-2021/>)

No

Why are these changes necessary?

The faculty of the Center for Biophysics and Quantitative Biology decided long ago to only admit students to its PhD program. This decision was made, in part, so that this program would be in alignment with the Master of Science degrees of the other units in the School of Molecular and Cellular Biology. This decision was also made because occasionally, a PhD student who is not successful in the PhD program, will be awarded the Biophysics and Quantitative Biology MS degree provided they have successfully completed all of the requirements for that program. It is our intention to continue this practice indefinitely.

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.

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.

Revised programs [BIOP Report-of-Change-to-Non-Direct-Admission-Status-Final 31 Jan 2023.docx](#)

Attach a revised Sample Sequence (for undergraduate program) or college-level forms.

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
	10 hours of 500-level biophysics courses with a minimum GPA of 3.25 (does not include seminar courses and/or research units and can include no more than 2 hours of tutorials). 500-level courses in other departments count towards this 500-level formal course requirement if they are on the approved Biophysics course list.	10
BIOP 401	Introduction to Biophysics (or equivalent)	3
	Elective hours approved by Center Director to bring total hours to	32
BIOP 599	Thesis Research (4 min applied toward degree)	4
	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
	10 hours of 500-level biophysics courses with a minimum GPA of 3.25 (does not include seminar courses and/or research units and can include no more than 2 hours of tutorials). 500-level courses in other departments count towards this 500-level formal course requirement if they are on the approved Biophysics course list.	10
BIOP 401	Introduction to Biophysics (or equivalent)	3
	Research/Project Hours (4 min applied toward degree)	4
	Elective hours approved by Center Director to bring total course work hours to	32
	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

Degree

Program Features

Academic Level Graduate

Does this major have transcribed concentrations? No

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

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

What is the required GPA? 3.0

CIP Code 260203 - Biophysics.

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?

No

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

Enrollment

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

This proposal will not impact enrollment or degrees awarded. There are no students currently in this degree program. The program is used very rarely when a student in the PhD program leaves that program but has fulfilled the requirements of the Biophysics and Quantitative Biology, MS. The Center for Biophysics and Quantitative Biology would like to retain this option.

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

Faculty Resources

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

Because this proposal represents our current and long-time practice, there will be no effect 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.

Because this proposal represents our current and long-time practice, and because no new course or student requirements are being proposed, there will be no effect on Library resources.

EP Documentation

EP Control Number EP.23.042

Attach Rollback/Approval Notices

This proposal requires HLC inquiry No

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name MS:Biophys&Quant Biol -UIUC

Program Code: 10KS5414MS

Minor Code	Conc Code	Degree Code	MS	Major Code
5414				

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 **Brooke Newell (bsnewell) (01/31/23 1:38 pm):** Rollback: rolled back to melissa
Comments michael per discussion

Allison McKinney (agrindly) (02/07/23 8:50 am): Administratively approved.

Report to the Senate Educational Policy Committee of a Change to Non-Direct Admission Status for a Degree or Major

Non-Direct Admission Designated Program (previously “Permanent Suspension”) – A graduate program that does not directly admit students. For example, the program may exist to award a degree to students who are not able to complete the requirements for their original program, but who have met the requirements for the Non-Direct Admission Designated Program. Once completed, please upload this as part of a CIM Program revision online. If you have questions, please email Brooke Newell (bsnewell@illinois.edu).

Suspension of Admission in order to Eliminate or Replace a Program – To phase down and eliminate a program. This is not the appropriate form. Please complete a phase down/elimination in the CIM P online system.

Temporary Suspension – To temporarily suspend admission to a program for a semester, year, or more. This is not the appropriate form. Please fill out the **Temporarily Suspend Admission** form.

PROGRAM INFORMATION

1. Official Program Name (Example: Management: Technology Management, MS): Biophysics and Quantitative Biology, MS
2. What governance process was used to make this decision? The faculty of the Center for Biophysics and Quantitative Biology decided long ago to only admit students to its PhD program. This decision was made, in part, so that this program would be in alignment with the Master of Science degrees of the other units in the School of Molecular and Cellular Biology. This decision was also made because occasionally, a PhD student who is not successful in the PhD program, will be awarded the Biophysics and Quantitative Biology MS degree provided they have successfully completed all of the requirements for that program. It is our intention to continue this practice indefinitely.
3. Have students been accepted, but not yet matriculated into the program? No
4. How many students are currently enrolled in the program? Zero
5. If students are currently enrolled in the program, does this change to Non-Direct Admission status affect them? There are no students enrolled in this program.
6. Please list any other Non-Direct Admission programs in your department: There are no other Non-Direct Admission programs in the Center for Biophysics and Quantitative Biology.

INSTRUCTIONAL RESOURCES

7. Does this change affect any other units on campus? Yes / **No (X)**
If yes, please explain. Please attach your communication with the affected units to this proposal as an appendix (required).
8. Does this change affect students outside of the unit? Yes / **No (X)**

If yes, please explain.

9. Catalog Page Text: The text below will appear on the Academic Catalog page unless the sponsoring unit needs alternative text. If that is the case, provide the text below.

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