

New Proposal

Date Submitted: 02/23/23 2:40 pm

Viewing: : **JP: Integrative Biology**

BSLAS & MS

Last edit: 04/18/23 11:39 am

Changes proposed by: Allison O'Dwyer

In Workflow

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

Approval Path

1. 02/27/23 9:06 am
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 02/27/23 10:23
am
Brian Allan
(ballan): Approved
for 1383 Head
3. 02/27/23 10:23
am
Brian Allan
(ballan): Approved
for SIB Head
4. 02/28/23 8:35 am
Stephen Downie
(sdownie):
Approved for KV
Dean
5. 02/28/23 8:50 am
Chris Prom

- (prom): Approved for University Librarian
- 6. 03/20/23 10:11 am
Allison McKinney (agrindly): Approved for Grad_College
- 7. 03/20/23 11:42 am
Brenda Clevenger (bmclvnr): Approved for COTE Programs
- 8. 03/20/23 11:43 am
Brooke Newell (bsnewell): Rollback to Grad_College for Provost
- 9. 04/05/23 2:16 pm
Allison McKinney (agrindly): Approved for Grad_College
- 10. 04/05/23 2:18 pm
Brenda Clevenger (bmclvnr): Approved for COTE Programs
- 11. 04/10/23 8:01 am
Brooke Newell (bsnewell): Approved for Provost

Proposal Type

Proposal Type:

Joint Program (ex. Master of Public Health & PhD. in Community Health)

Administration Details

Official Program Name JP: Integrative Biology BSLAS & MS

Diploma Title Bachelor of Science in Liberal Arts and Sciences and Master of

Science in Integrative Biology

Sponsor College Liberal Arts & Sciences

Sponsor Integrative Biology

Department

Sponsor Name Brian Allan, Associate Director for Academic Affairs, School of Integrative Biology

Sponsor Email ballan@illinois.edu

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

College Budget Officer Michael Wellens, Assistant Dean of Finance and Resource Planning

College Budget Officer Email wellens@illinois.edu

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

Allison O'Dwyer, Assistant Director for Academic Affairs, School of Integrative Biology and Director of Graduate Studies for MS in IB program, aodwyer@illinois.edu

Does this program have inter-departmental administration?

No

Proposal Title

Effective Catalog Term Fall 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)

Establish a Joint Program in Bachelor of Science in Liberal Arts and Sciences and the Master of Science in Integrative 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)."

This JP proposal (key 1159) is related to a revision of the Integrative Biology, BSLAS program (key 723).

Program Justification

Provide a brief justification of the program, including highlights of the program objectives, and the careers, occupations, or further educational opportunities for which the program will prepare graduates, when appropriate.

The School of Integrative Biology proposes to establish a joint degree program for the Bachelor of Science in Liberal Arts & Sciences Major in Integrative Biology and Master of Science in Integrative Biology.

The School of Integrative Biology (SIB) currently offers a 120-credit hour BSLAS degree and a separate, course-based 32-credit hour MS in Integrative Biology (IB) degree. This non-thesis MS in IB degree program was recently approved (2021). The intent to join these degrees into a 5-yr, BS + MS joint degree program will enable students to double-count 12 hours of undergraduate and graduate credit thereby making this joint degree more affordable and require less time to complete. With this unique, non-thesis, 4+1 combined degree opportunity within the College of Liberal Arts and Sciences, students can then graduate with simultaneous degrees with a minimum of 140-credit hours.

IB majors with a GPA of at least 3.0 in their junior year onward of undergraduate study are eligible to apply for the BSLAS + MS in IB degree program after the completion of their junior year. Accepted students will then pursue both degrees concurrently and will receive both degrees at the same time once the requirements for each degree are fulfilled.

This joint-degree program is directed toward students who want advanced preparation for professional school or future careers in industry, government, or academia, as well as those affected by the pandemic in terms of loss of in-person laboratory experience. We anticipate that this new program will primarily serve students who are aiming to graduate with a BSLAS Major in IB degree and are seeking further support in developing next steps in their careers. From recent exit surveys of the last three years of our graduating classes, we know that roughly 20% of our seniors take a gap year prior to entering professional school or a PhD program. An additional 30% of our students indicate that they are seeking employment in industry, government or non-governmental organizations. This equates to roughly half (around 60 students each year) of our graduating students who do not have firm plans for their post-baccalaureate year. A one-year MS degree, with additional advanced-level coursework in areas such as bioinformatics and genomics, will afford an opportunity to these students to gain a higher education degree, thus making them more competitive for placement. Students will also take advanced laboratory coursework as part of the degree, helping to develop skills in high demand in research, industry and professional schools.

With an advanced MS degree students will stand out more from their peers when they do apply for either additional graduate/professional schools or employment. The taking of rigorous, lab-based coursework can help students to refine their laboratory skills and better understand their interests, thus helping them to improve their applications. Even though these students are not awarded a thesis-based master's degree, these students are still at an advantage as thesis-based master's degrees are not a requirement for entry into most graduate/professional schools. Students will also benefit from the opportunity to improve their GPAs before applying to additional degree programs.

40 hour upper division/advanced course requirement

4 credit-hours: IB 202 (prereq IB 150, MCB 150)

4 credit-hours: IB 203 (prereq IB 150, MCB 150)

4 credit-hours: IB 204 (prereq IB 150, MCB 150)

4 credit-hours: IB 302

6 credit-hours: CHEM 232/233 (pre-req CHEM 104/105)

15 credit-hours: Adv IB courses

3 credit-hours: Adv Campus Elective

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.

The Student Learning Outcomes (SLOs) for the BSLAS+MS joint degree program combine existing SLOs for both the BSLAS and MS in IB programs as listed below.

1. Synthesize and apply core knowledge in interdisciplinary biological fields including anatomy, biochemistry, development, ecology, evolution, genetics, molecular biology, physiology, statistical interference, and/or systematics.
2. Understand that biology is integrative and multidisciplinary.
3. Apply predictive models (statistical/mathematical) to biological phenomena and engage with the process of scientific inquiry.
4. Critically evaluate and communicate complex, dynamic scientific information and understand how paradigms of biology relate to society and policy as well as their own lives.
5. Demonstrate curiosity and caring about biology, and an awareness of and appreciation for the diversity of life.
6. Employ curiosity, scientific inquiry, collaboration, quantitative reasoning, computation, and critical thinking in problem solving.
7. Show leadership in using interdisciplinary strategies to solve global and local biological challenges.
8. Develop professional skills including ethics, proficiency in scientific writing and speaking, collaboration, and effective communication.

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

Describe here:

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

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.

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

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

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

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

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.

Attach Program of [BSLAS+MS in IB Sample Sequence.docx](#)

Study-related information such as sample sequences (for undergraduate programs) 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.

The BSLAS + MS in Integrative Biology joint degree program provides students with a solid preparation in genetics, evolution, anatomy, physiology, ecology, and molecular biology. After completion of the foundational 100- and core 200-300-level courses in IB, students complete the required advanced coursework. Additionally, the MS in IB program provides students with a non-thesis, course-based advanced degree program opportunity. Traditional master's degree programs typically require at least two-years and the completion of a thesis component, which this degree program does not require. This joint degree program offers advanced coursework in fields such as organismal biology, behavioral ecology, anatomy and physiology, environmental science, bioinformatics, pathology, genomics, and mathematical modeling to name just a few. Students in the BSLAS+ MS in IB program can enhance their skill sets within IB upper-level courses through our world-class educational experiences, without having to invest in a required thesis component for the degree. Students interested in research are still able to participate in course-based research opportunities such as IB 390, 490, and 590, particularly those students desiring to be considered for graduation with distinction. Typical time to degree completion is 5-years (ten full-time semesters) with both an undergraduate and advanced degree. This accelerated, combined degree program thus makes BSLAS + MS in IB students more competitive for employment and future research opportunities, also with higher earning potential.

- IB Honors students are eligible for the BSLAS + MS in Integrative Biology program.
- To be eligible, students must have completed their junior year of the BSLAS in IB program.
- Students must have 3.0 or higher GPA from their junior year onward of undergraduate study to receive admission to the Graduate College. This means that the average GPA of their junior year and/or (depending on when the student applies) first semester of their senior year coursework must be 3.0 or higher.
- The GRE is not required.
- Students apply internally to the School of Biology BSLAS + MS in IB program at two different times- the summer before they begin their senior year or at the end of the fall term of their senior year. Application dates vary slightly year to year tied to semester start dates.
- Once students are admitted to the program, they begin completing the joint program requirements within their senior year. After the completion of the undergraduate requirements, students will then apply to the master's portion of the program through the Graduate College in the spring semester of their senior year or the summer semester directly following.
- Applications are reviewed holistically, looking at GPA and performance in courses, experiential opportunities (work, volunteer experiences, internships), personal statements that seek non-cognitive attributes such as work-ethic, leadership and service, as well as recommendation letters.
- Upon acceptance, students will be admitted to the joint program and meet with their BSLAS+ MS in IB Director of Graduate Studies to determine which courses will be taken in their senior year that will apply to both degrees. (During their undergraduate degree, the joint degree students also continue to meet with their undergraduate advisor.)
- Students admitted to the graduate program must maintain an overall 3.0 GPA to

remain in good standing.

- Credits from the BSLAS in IB program cannot be retroactively applied.
- In the BSLAS + MS joint degree, 12-hours will double-count toward both the BSLAS degree requirements and the MS requirements, for a total of 140-hours required in total. These 12-hours can be selected from any 400-level IB course listed on the MS in IB Approved Courses List. See approved course list at: <https://sib.illinois.edu/graduate/msib/>

All undergraduates in this field are required to have a strong background in the biological and physical sciences.

Students pursuing a degree in Integrative Biology will be allowed to earn a second degree in the Specialized Curriculum in Biochemistry. Students pursuing a degree in Integrative Biology will not be allowed to double major in Molecular and Cellular Biology.

Distinction for Excellence in Research: To be eligible for graduation with Distinction for excellence in Research a student must:

- Be enrolled as an Integrative Biology Major
- Either:

1. Complete two or more semesters of IB 390/IB 490 for 2-credit hours or more each semester. The student should enroll in IB 490 the semester the student intends to graduate, which counts towards the two required semesters.

OR

2. Complete at least 180 hours of mentored research. The research experience must last a minimum of 20 weeks (the weeks need not be consecutive and summer research counts toward this total) and students should enroll in one semester of IB 490 for a minimum of 1-credit hour prior to or during the semester they intend to graduate.

Example: a student could be eligible if they complete a 10-week summer research experience combined with enrolling in IB 490 the semester they intend to graduate.

- Maintain a minimum 3.25 GPA within the major at the end of the penultimate semester.
- Give a poster presentation at the Undergraduate Research Symposium or other approved venue.
- Have a completed distinction evaluation form submitted by their Faculty Research Advisor. Distinction will be determined by the SIB Distinction Committee based on the poster presentation and the Advisor's evaluation.
- Substitutions or other changes to these requirements may be made only via petition to and approval of the Chair of the SIB Distinction Committee and the SIB Associate Director for Academic Affairs.

High or Highest Distinction for Excellence in Research: To be eligible for graduation with High or Highest Distinction for Excellence in Research a student must:

- Be enrolled as an Integrative Biology Major
- Either:

1. Complete two or more semesters of IB 390/IB 490 for 2-credit hours or more each semester. The student should enroll in IB 490 the semester the student intends to graduate, which counts towards the two required semesters.

OR

2. Complete at least 180 hours of mentored research. The research experience must last a minimum of 20 weeks (the weeks need not be consecutive and summer research counts toward this total) and students should enroll in one semester of IB 490 for a minimum of 1-credit hour prior to or during the semester they intend to graduate.

Example: a student could be eligible if they complete a 10-week summer research experience combined with enrolling in IB 490 the semester they intend to graduate.

- Maintain a minimum 3.25 GPA within the major at the end of the penultimate semester.
- Submit a written thesis and give an oral presentation at the Undergraduate Research Symposium or other approved venue.
- Have a completed distinction evaluation form submitted by their Faculty Research Advisor.
- The level of Distinction will be determined by the SIB Distinction Committee based on the written thesis, the oral presentation, and the Advisor's evaluation.
- Substitutions or other changes to these requirements may be made only via petition to and approval of the Chair of the SIB Distinction Committee and the SIB Associate Director for Academic Affairs.

Statement for

Programs of
Study Catalog

BSLAS in IB Requirements

Minimum hours for graduation is 120, to include a minimum of 40 hours of upper-division coursework generally at the 300- and 400-level. These hours can be drawn from all elements of the degree.

General education: Students must complete the [Campus General Education](#) requirements including the campus general education language requirement.

Minimum required major and supporting course work: Normally equates to 66-75 hours.

Course List

Code	Title	Hours
Orientation and Professional Development		
LAS 101	Design Your First Year Experience	1
OR		
LAS 100	Success in LAS for International Students ³	
& LAS 101	and Design Your First Year Experience	
OR		
LAS 102	Transfer Advantage	1
Total Hours		1 or 3

Course List

Code	Title	Hours
Major Core Requirements and Electives		
MATH 220	Calculus	4-5
or MATH 221	Calculus I	
STAT 212	Biostatistics	3
Select one group of courses:		8-10
CHEM 102	General Chemistry I	
CHEM 103	General Chemistry Lab I	
CHEM 104	General Chemistry II	

Code	Title	Hours
CHEM 105	General Chemistry Lab II	
or		
CHEM 202	Accelerated Chemistry I	
CHEM 203	Accelerated Chemistry Lab I	
CHEM 204	Accelerated Chemistry II	
CHEM 205	Accelerated Chemistry Lab II	

Select one group of courses: 5-6

- [CHEM 232](#) Elementary Organic Chemistry I
& [CHEM 233](#) and Elementary Organic Chem Lab I
- [CHEM 236](#) Fundamental Organic Chem I
& [CHEM 237](#) and Structure and Synthesis

Select one group of courses: 8-10

- [PHYS 101](#) College Physics: Mech & Heat
& [PHYS 102](#) and College Physics: E&M & Modern
- [PHYS 211](#) University Physics: Mechanics
& [PHYS 212](#) and University Physics: Elec & Mag

[IB 150](#) Organismal & Evolutionary Biol 4

[MCB 150](#) Molec & Cellular Basis of Life 4

[IB 202](#) Physiology ([IB 202](#) requires animal dissection and no equivalent alternative is available. IB majors are required to enroll in the 4-hour version of this course.) 4

[IB 203](#) Ecology 4

[IB 204](#) Genetics (IB majors are required to enroll in the 4-hour version of [IB 204](#).) 4

[IB 302](#) Evolution 4

Advanced Free Elective (300- or 400-level course from IB or any unit on campus) 3

At least 15 hours of coursework from the Approved List of Advanced Courses below: 15-20

At least one course from two of the following three areas:

Area 1: Organismal and Evolutionary Biology ([IB 335](#), [IB 360](#), [IB 362](#), [IB 368](#), [IB 401](#), [IB 461](#), [IB 462](#), [IB 463](#), [IB 464](#), [IB 471](#))

Area 2: Behavior, Ecology, and the Environment ([IB 329](#), [IB 361](#), [IB 405](#), [IB 430](#), [IB 431](#), [IB 432](#), [IB 439](#), [IB 440](#), [IB 444](#), [IB 451](#), [IB 452](#), [IB 453](#), [IB 481](#), [IB 482](#), [IB 494](#))

Area 3: Integrative Anatomy, Physiology, and Molecular Biology ([IB 303](#), [IB 364](#), [IB 420](#), [IB 421](#), [IB 426](#), [IB 427](#), [IB 434](#), [IB 435](#), [IB 472](#), [IB 473](#))

One advanced course with a laboratory and/or field component.

[IB 303](#), [IB 335](#), [IB 368](#), [IB 401](#), [IB 427](#), [IB 430](#), [IB 434](#), [IB 444](#), [IB 451](#), [IB 461](#), [IB 462](#), [IB 463](#), [IB 464](#), [IB 467](#), [IB 468](#), [IB 471](#), [IB 481](#), [IB 482](#), [IB 494](#)

Remaining hours can be taken from any of the courses listed above or from the following list:

[IB 348](#), [IB 411](#), [IB 416](#), [IB 436](#), [IB 442](#), [IB 450](#), [IB 467](#), [IB 468](#), [IB 476](#), [IB 478](#), [IB 479](#), [IB 480](#), [IB 484](#), [IB 487](#), [IB 491](#), [IB 496](#), [IB 499](#), [MCB 300](#), [MCB 314](#), [MCB 450](#)

Total Hours Required 120

MS in IB Requirements

In the Integrative Biology, BSLAS + MS joint degree, **12-hours will double-count toward both the BSLAS degree requirements above and the MS requirements below, for a total of 140-hours required in total.** These 12-hours can be selected from any 400-level IB course listed on the MS in IB approved courses List.

For additional details and requirements refer to the [MS in IB website](#) and the [Graduate College Handbook](#).

Course List

Code	Title	Hours
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Code	Title	Hours
	12-hours will double-count toward both the BSLAS degree requirements above and the MS requirements below. These 12-hours can be selected from any 400-level IB course listed on any requirements for the MS in IB program.	
	Core Curriculum Hours Required	14-16
IB 592	Career and Skill Development in Integrative Biology	2
	At least one course from two of the following three IB disciplinary areas and one additional course with a laboratory and/or field component.	
	Area 1: Organismal and Evolutionary Biology (IB 401 , IB 461 , IB 462 , IB 463 , IB 464 , IB 471)	
	Area 2: Behavior, Ecology, and the Environment (IB 405 , IB 431 , IB 432 , IB 439 , IB 440 , IB 444 , IB 451 , IB 452 , IB 453 , IB 481 , IB 482 , IB 494)	
	Area 3: Integrative anatomy, Physiology, and Molecular Biology (IB 420 , IB 421 , IB 426 , IB 427 , IB 434 , IB 472 , IB 473)	
	Lab/Field component (IB 401 , IB 427 , IB 434 , IB 444 , IB 451 , IB 461 , IB 462 , IB 463 , IB 464 , IB 467 , IB 468 , IB 471 , IB 481 , IB 482 , IB 494)	
	Elective Hours Required	6-8
	Select from any Area/Lab courses above that did not already fulfill another requirement, or select from the list of approved courses below, or upon approval from the program director.	
	IB 411 , IB 416 , IB 436 , IB 442 , IB 450 , IB 467 , IB 468 , IB 476 , IB 478 , IB 479 , IB 480 , IB 484 , IB 487 , IB 491 , IB 496 , IB 499	
	Minimum 500-level Hours Required	12
	IB 501 , IB 502 , IB 504 , IB 505 , IB 506 , IB 512 , IB 513 , IB 516 , IB 524 , IB 526 , IB 531 , IB 532 , IB 533 , IB 534 , IB 535 , IB 536 , IB 542 , IB 546 , IB 590 , IB 592	
	Total Hours Required	32
	Other requirements	
	Minimum hours within the unit	8
	Minimum GPA	3.0
	Maximum hours of IB 590 allowed to count toward the MS in IB degree	6

Program Relationships

Identify the existing programs to be joined:

Corresponding Program(s)
Integrative Biology, BSLAS
Integrative Biology, MS

Program Features

Academic Level Undergraduate
 Graduate

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

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

140

What is the required GPA? 3.0

Is This a Teacher Certification Program?
Yes

Will specialized accreditation be sought for this program?

No

Delivery Method

This program is available:

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

Admission Requirements

Desired Effective Admissions Term Fall 2023

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.

We request an exception that the Graduate College admit these students on full status, even though they do not yet have an earned bachelor's degree.

Typical time to degree completion is 5-years (ten full-time semesters) with both an undergraduate and advanced degree. Students must be enrolled in the MS program within the Graduate College at least one semester. Students will be classified as graduate students once admitted fully into the Graduate College and thus graduate tuition will be assessed. The MS in IB portion of the degree is self-supporting and thus students in the MS in IB program are not eligible to receive tuition and fee waivers except statutory waivers.

- To be eligible, students must have completed their junior year of the BSLAS in IB degree.
- Students must have 3.0 or higher GPA from their junior year onward of undergraduate study to receive admission to the Graduate College. This means that the average GPA of their junior year and/or (depending on when the student applies) first semester of their senior year coursework must be 3.0 or higher.
- The GRE is not required.
- Students apply internally to the School of Biology BSLAS + MS in IB program at two different times- the summer before they begin their senior year or at the end of the fall term of their senior year. Application dates vary slightly year to year tied to semester start dates.
- Once students are admitted to the program, they begin completing the joint program requirements within their senior year. After the completion of the undergraduate requirements, students will then apply to the master's portion of the program through the Graduate College in the spring semester of their senior year or the summer semester directly following.
- Applications for admission will be reviewed by the admissions committee, comprised of faculty and staff from the School of Integrative Biology who instruct and advise BSLAS + MS in IB students.
- Applications are reviewed holistically, reviewing GPA and performance in courses, experiential opportunities (work, volunteer experiences, internships), personal statements that support non-cognitive attributes such as work-ethic, leadership and service, as well as recommendation letters.
- Upon acceptance, students will be admitted to the joint degree program and meet with their BSLAS+ MS in IB Director of Graduate Studies to determine which courses will be taken in their senior year that will apply to both degrees. (During their undergraduate degree, the joint degree students also continue to meet with their undergraduate advisor.)
- Students admitted to the graduate program must maintain an overall 3.0 GPA to remain in good standing.
- Credits from the BSLAS in IB program cannot be retroactively applied.

Enrollment

Number of Students in Program (estimate)

Year One Estimate	5	5th Year Estimate (or when fully implemented)	15
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Estimated Annual Number of Degrees Awarded

Year One Estimate	0	5th Year Estimate (or when fully implemented)	15
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Budget

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

No

Additional Budget

Information

No additional staffing will be required for this degree program. BSLAS + MS in IB students will be taking courses already offered by faculty, and all advising (such as course-selection mapping and career-readiness counseling) will be performed by the MS in IB director.

Attach File(s)

Financial Resources

How does the unit intend to financially support this proposal?

As we have sufficient capacity in our upper-level courses, including ample 500-level courses with seats available, we do not expect the need to add seats to any course to serve students in this program. We recently revised the required course for the program, IB 592 into a 5-- level course in order to assist students with having even more options for 5-- level courses. We have instructors scheduled to teach these advanced courses as well. Additionally, we propose to cap this program at 30 students enrolled at any one time. These 30 students would then be spread across over 50 upper-level courses offered across multiple semesters. Thus, we do not see a need to increase the numbers of faculty or TAs as essentially these seats are already being provided by the current costs of the courses.

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

No

Attach letters of support [SIB Tuition Waiver Policy.pdf](#)

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)

This program will use existing Chemical and Life Sciences undergraduate (years 1-4) and graduate (in year 5) tuition rates, with the MS portion being self-supporting. For the MS portion, the School of Integrative Biology will be responsible for all costs and will receive 64% of the gross tuition with 11% of

the gross income going to the College of LAS and 25% to campus for the IVCB tax. This program is expected to add few students to begin but should still be revenue positive within the first five years because, as outlined, our program costs are very low.

Faculty Resources

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

As we have capacity in upper-level courses, including ample 500-level courses with seats available, we do not expect the need to add seats to any course to serve students in this program. We recently revised the required course for the program, IB 592 into a 5-- level course in order to assist students with having even more options for 5-- level courses. We continue to revise other courses to allow for more advanced level and 500-level credit. We have instructors scheduled to teach these advanced courses as well. Additionally, we propose to cap this program at 30 students enrolled at any one time. These 30 students would then be spread across over 50 upper-level courses offered across multiple semesters. Thus, we do not see a need to increase the numbers of faculty or TAs as essentially these seats are already provided by the current costs of the courses.

Library Resources

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

Library collections, resources and services are sufficient to support this program.

EP Documentation

EP Control Number EP.23.060

Attach Rollback/Approval Notices [ep23060_email to and response from sponsor_20230416.pdf](#)
[Re IB Proposals.pdf](#)

This proposal requires HLC inquiry No

DMI Documentation

Attach Final Approval Notices

Banner/Codebook Name

Program Code:

Minor Code	Conc Code	Degree Code	Major Code
------------	-----------	-------------	------------

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) (02/02/23 10:58 am): Rollback: Email sent to Allison, Stephen, and Andrea

Brooke Newell (bsnewell) (02/03/23 12:51 pm): Rollback: Rollback email sent to Allison, Stephen, and Andrea

Brooke Newell (bsnewell) (02/22/23 3:15 pm): Rollback: email sent to Allison and Stephen re: Teacher Certification Program

Brooke Newell (bsnewell) (03/20/23 11:43 am): Rollback: Per request from Allison McKinney

Brooke Newell (bsnewell) (04/17/23 7:59 am): Per discussion with Senate EPC Chair and sponsors, revised POS 40 hour upper-division coursework statement.

Brooke Newell (bsnewell) (04/17/23 3:03 pm): The Senate Educational Policy Committee approved the proposal with the addition of the word 'generally' in the description of the upper-division coursework. The college contact, Stephen Downie, noted that in addition to specifically-required 300- and 400-level courses already noted in the proposal, the following courses required for the major are at the 200-level with two or more pre-requisites: CHEM 232/233 OR CHEM 236/237; IB 202; IB 203; IB 204.

Brooke Newell (bsnewell) (04/18/23 11:48 am): Per conversation with Senate EPC Chair and sponsors, attached email exchange regarding 40 hours of upper-division coursework and copied the breakdown of the 40 hours into the justification.

BSLAS+MS in IB Sample Sequence

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this five-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a fourth level of a language other than English. This may require up to four semesters of language depending on high school coursework or placement. See the corresponding section on the Degree General and Education Requirements page: <http://catalog.illinois.edu/general-information/degree-general-education-requirements/>.

First Year			
First Semester Courses	Hours	Second Semester Courses	Hours
LAS 101	1	MCB 150 or IB 150	4
IB 150 or MCB 150	4	CHEM 102 and CHEM 103 or CHEM 104 and CHEM 105	4
CHEM 101 or CHEM 102 and CHEM 103	4	Language Other Than English (4th level)	4
Language Other Than English (3rd level)	4	Composition I or MATH 220	4
Composition I or MATH 220	4		
semester sum	17	semester sum	16
Second Year			
First Semester Courses	Hours	Second Semester Courses	Hours
IB 203	4	IB 202	4
IB 204	4	IB 302	4
CHEM 104 and 105 or CHEM 232	4	CHEM 232 and/or CHEM 233	2
General Education course	3	STAT 212	4
semester sum	15	semester sum	14

Third Year			
First Semester Courses	Hours	Second Semester Courses	Hours
Advanced IB course	3	Advanced IB course	3
PHYS 101	5	PHYS 102	5
General Education course	3	General Education course	3
General Education course	3	General Education course	3
semester sum	14	semester sum	14
Fourth Year			
First Semester Courses	Hours	Second Semester Courses	Hours
Advanced IB course	4	Advanced IB course	3
Advanced IB course	4	General Education course	3
General Education course	4	Free advanced elective course	3
		Free elective course	3
semester sum	12	semester sum	12
Fifth Year			
First Semester Courses	Hours	Second Semester Courses	Hours
IB 592	2	IB 500-level course	4
IB 500-level course	4	IB 500-level course	2
Advanced IB course	4	Advanced IB course	4
Free elective course	3	Free elective course	3
semester sum	13	semester sum	13
Total Hours : _____140_____ (Add up individual semester sums. Must equal degree total minimum hours requirement listed on the degree's requirements page in the catalog.)			



GRADUATE COLLEGE

110 Coble Hall, MC-322
801 S. Wright St.
Champaign, IL 61820

PROGRAM TUITION WAIVER POLICY PROPOSAL

Proposals to establish or revise tuition waiver policy for a graduate program will follow a shared governance approval process (Department, School, College, Graduate College).

Definitions of Tuition Waiver Policy Designations:

Traditional Programs. Programs either designated as generating full or base-rate tuition waivers. Base rate waivers waives only the Resident Graduate Base tuition amount. Non-Residents or students in a program with an additional tuition differential will be responsible for the remaining portion of tuition.

Reimbursable Programs. Programs identified as programs that would be reimbursed from an appointing unit outside their academic college.

Cost-recovery and self-supporting programs. Students in approved cost-recovery and self-supporting programs are not eligible to receive tuition and fee waivers except statutory waivers. Students in these programs are not eligible to hold a waiver generating graduate appointment (Assistantship or Fellowship). Full time employees may be admitted to these programs, but their employee waiver is not eligible for use towards a program with this designation.

Additional information related to these tuition waiver designations can be found here:
<http://www.grad.illinois.edu/gradhandbook/2/chapter7/tuition-waivers#otherprovisions>.

PROGRAM INFORMATION

COLLEGE OR SCHOOL: School of Integrative Biology

PROGRAM(s) (Include Program Codes if applicable):
BSLAS + MS in IB

REQUESTED DESIGNATION (Check box next to desired designation type):

Self-Supporting

Comments:

JUSTIFICATION: On a separate sheet, please address the following.

1. Describe the reasons for this request and explain: (a) the pros and cons of the classification requested, and (b) how the requested classification will benefit and not adversely affect the academic quality of the program.
2. What type of financial assistance will be offered to students in the program?
3. Has this program had past practice of offering graduate assistantships? If so, please describe.
4. What provisions will be made to communicate the new classification to prospective and newly admitted students?

APPROVALS: (May use Adobe Signature or print and sign the document)

Department Executive Officer Signature and Date: **Brian Allan** Digitally signed by Brian Allan
Date: 2022.07.06 08:20:28 -05'00'

Disciplinary College Signature and Date: *St. Davis* 2/20/23

Graduate College Signature and Date: *Alison McKinney* 3/10/23



1. Describe the reasons for this request and explain: (a) the pros and cons of the classification requested, and (b) how the requested classification will benefit and not adversely affect the academic quality of the program.

This request is to establish a 5-year, BSLAS + course-based MS in Integrative Biology joint degree program. As this proposed degree program is intended to be self-supporting and thus not designed for assistantships, we do not intend to use tuition waivers in this program. We anticipate that most students in this program would be completing this degree in an accelerated manner (as opposed to the traditional 2-year master's degree), thus we do not foresee those students would be able to handle a full-time course load on top of a teaching assistantship. Thus, we anticipate the majority of these students will be paying tuition as full-time students.

a) While we can understand that full tuition costs will be cost-prohibitive for some students desiring to enter this program, we are mindful of the time constraints of a one-year program such as the one we are proposing. We anticipate that this new program will serve students who are intending to graduate with a BS from IB and are seeking further support in developing next steps in their careers. From recent exit surveys of the last three years of our graduating classes, we know that roughly 20% of our seniors take a gap year prior to entering professional school or a PhD program. An additional 30% of our students indicate that they are seeking employment in industry, government or non-governmental organizations. This equates to roughly half (around 60 students a year) of our graduating students who do not have firm plans for their post-baccalaureate year. A one-year MS degree, with an additional year of advanced-level coursework in areas such as bioinformatics and genomics, will afford an opportunity to these students to gain a higher education degree, thus making them more competitive for placement.

B) We do not foresee this self-supporting model to adversely affect the academic quality of the program as we currently have space available currently in these graduate level courses for incoming students. Additionally, these incoming students will help in our plans to deliver current IB 500-level courses from the Online Master of Science Teaching (OMST) program to a wider audience.

2. What type of financial assistance will be offered to students in the program?

In addressing the lack of diversity often seen in STEM fields, we have an intent to offer some financial support to under-represented minorities after the program is in place for three years and is financially stable.

Students will also be eligible for standard financial aid resources through the Graduate College.

3. Has this program had past practice of offering graduate assistantships? If so, please describe.

No.

4. What provisions will be made to communicate the new classification to prospective and newly admitted students?

The program will be linked to from the School of Integrative Biology webpage, which will contain clear information that this is a self-supporting program and thus students are not eligible for tuition waivers. Additionally, once accepted into the program, the letter of admittance will state the same. Students in

the program will also initially meet with the MS in IB Program Director who will define this self-supporting model to the students.

From: [O'Dwyer, Allison](#)
To: [Downie, Stephen R](#)
Cc: [Allan, Brian F](#); [Newell, Brooke](#); [Moorhouse, Linda](#)
Subject: Re: IB Proposals
Date: Tuesday, April 18, 2023 8:29:59 AM

Hi Stephen,

Thanks for this great news. I note Brooke's program reviewer comments will listen out for any additional needed updates.

Best,
Allison

On Apr 18, 2023, at 8:26 AM, Downie, Stephen R <sdownie@illinois.edu> wrote:

Dear Allison and Brian,

The Senate Educational Policy Committee met yesterday and approved the revision to the IB BSLAS degree and the new joint BSLAS/MS degree. These proposals will be transmitted to the Senate for their review on Monday.

After some discussion, and per my conversation with Allison on Sunday, the committee asked that the graduate requirement statement be modified to read the following:

Minimum hours for graduation is 120, to include a minimum of 40 hours of upper-division coursework generally at the 300- and 400- level. These hours can be drawn from all elements of the degree.

The word "generally" has been included to accommodate those required 200-level courses each having two prerequisites. I see that this has already been done and Brooke has provided some text in the Program Reviewer's Comments section of CIM-P. You may have seen these comments already and if not, I wanted you to be aware of them.

In addition, the committee thought it would be most useful to provide an attachment providing an example of how 40 upper-division hours can be obtained. This would be the list that you've provided to me a couple of times and I have appended immediately below. Brooke can inform if this list is still necessary and if so, we can have it added to each proposal before it moves to the Senate.

Congratulations on getting your proposals through Ed Pol!

Cheers,

Stephen

SIB 40hr Upper Division/Advanced Course Requirement

4 credit-hours: IB 202 (prereq IB 150, MCB 150)

4 credit-hours: IB 203 (prereq IB 150, MCB 150)

4 credit-hours: IB 204 (prereq IB 150, MCB 150)

4 credit-hours: IB 302

6 credit-hours: CHEM 232/233 (pre-req CHEM 104/105)

15 credit-hours: Adv IB courses

3 credit-hours: Adv Campus Elective

40 hrs total

--

STEPHEN R. DOWNIE

Associate Dean for Curricula and Academic Policy

College of Liberal Arts and Sciences
University of Illinois Urbana-Champaign
2090 Lincoln Hall
702 S Wright St | M/C 448
Urbana, IL 61801
217.333.1350 | sdownie@illinois.edu
sib.illinois.edu/profile/sdownie

<University-Wordmark-Full-Color-CMYK.jpg>

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

From: [Pahre, Jennie](#)
To: [Lehman, Barbara J](#)
Cc: [Newell, Brooke](#); [Martensen, Kathy](#)
Subject: Fw: EP 23.060 & EP 23.061 -- String to Attach to Proposals
Date: Sunday, April 16, 2023 7:09:57 PM

Hello Barb,
I hope that you've had a wonderful weekend.
Would you please attach this string (below) to EP 23.060 and EP 23.061?

I continue to appreciate your help.

All best,
Jennie

JENNIFER N. PAHRE

Teaching Associate Professor and Director of Undergraduate Studies
College of Law
University of Illinois Urbana-Champaign
202 Law Building | M/C 594
Champaign, IL 61820
217.333.0712 | jpahre@illinois.edu
www.law.illinois.edu



As a land-grant institution, the University of Illinois at Urbana-Champaign has a responsibility to acknowledge the historical context in which it exists. We are currently on the lands of the Peoria, Kaskaskia, Peankashaw, Wea, Miami, Mascoutin, Odawa, Sauk, Mesquaki, Kickapoo, Potawatomi, Ojibwe, and Chickasaw Nations. It is necessary for us to acknowledge these Native Nations and for us to work with them as we move forward as an institution.

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From: O'Dwyer, Allison <aodwyer@illinois.edu>
Sent: Sunday, April 16, 2023 5:41 PM
To: Pahre, Jennie <jpahre@illinois.edu>
Cc: Allan, Brian F <ballan@illinois.edu>; Newell, Brooke <bsnewell@illinois.edu>; Moorhouse, Linda <moorhouz@illinois.edu>
Subject: Re: EP 23.060 & EP 23.061

Yes for both proposals.

Allison

On Apr 16, 2023, at 5:00 PM, Pahre, Jennie <jpahre@illinois.edu> wrote:

Allison,

Thank you for your helpful response. We will make the change to include the language I provided about the 40-hour requirement for EP23.060.

I am sorry- I have one last question:

As well as making the revision to include that language in EP 23.060, would you also permit us to add it to EP 23.061?

With thanks,
Jennie

JENNIFER N. PAHRE

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College of Law
University of Illinois Urbana-Champaign
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Nations. It is necessary for us to acknowledge these Native Nations and for us to work with them as we move forward as an institution.

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From: O'Dwyer, Allison <aodwyer@illinois.edu>
Sent: Sunday, April 16, 2023 4:38 PM
To: Allan, Brian F <ballan@illinois.edu>
Cc: Pahre, Jennie <jpahre@illinois.edu>; Newell, Brooke <bsnewell@illinois.edu>; Moorhouse, Linda <moorhouz@illinois.edu>
Subject: Re: EP 23.060 & EP 23.061

Hi Jennie and Brooke,

Please see attached, updated version of our responses.

Best,
Allison

On Apr 16, 2023, at 3:14 PM, Allan, Brian F <ballan@illinois.edu> wrote:

Thanks Allison! Jennie, please let us know if you have any other questions.

Best,
Brian

--
--

Brian F. Allan
Professor, Department of Entomology
Associate Director for Academic Affairs, School of Integrative Biology
University of Illinois Urbana-Champaign
<https://publish.illinois.edu/ballan/>

From: Pahre, Jennie <jpahre@illinois.edu>
Sent: Friday, April 14, 2023 5:09 PM
To: O'Dwyer, Allison <aodwyer@illinois.edu>
Cc: Newell, Brooke <bsnewell@illinois.edu>; Moorhouse, Linda <moorhouz@illinois.edu>; Allan, Brian F <ballan@illinois.edu>
Subject: Re: EP 23.060 & EP 23.061

Thank you, Allison. I appreciate your responses.
I will stay tuned in the event that there are further developments.

Have an excellent weekend,

Jennie

JENNIFER N. PAHRE

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University of Illinois Urbana-Champaign
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From: O'Dwyer, Allison <aodwyer@illinois.edu>
Sent: Friday, April 14, 2023 5:02 PM
To: Pahre, Jennie <jpahre@illinois.edu>
Cc: Newell, Brooke <bsnewell@illinois.edu>; Moorhouse, Linda <moorhouz@illinois.edu>; Allan, Brian F <ballan@illinois.edu>
Subject: Re: EP 23.060 & EP 23.061

Dear Jennie,

Happy almost weekend! Please see attached for responses.

Best,
Allison

On Apr 14, 2023, at 4:27 PM, Pahre, Jennie <jpahre@illinois.edu> wrote:

Hello Allison,

I hope that your week is ending well.

I just spoke with Brooke Newell, and she suggested that I loop you into the questions and revisions that need to be made to EP 23.060 (Proposal to Establish a Joint Program in Bachelor of Science in LAS & Master of Science in Integrative Biology). Any help that you might be able to provide would be much appreciated, as our Educational Policy Meeting is on Monday at 1:10 PM.

I also learned today that the required change in the language noted below in EP 23.060 may also need to be made in EP 23.061 (Proposal Revise the Bachelor of Science in LAS in Integrative Biology in the College of LAS). I'm seeking confirmation of this. If we do need to make this change, I hope that we can receive permission to do so.

With thanks,

Jennie Pahre

JENNIFER N. PAHRE

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College of Law
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From: Pahre, Jennie <jpahre@illinois.edu>

Sent: Thursday, April 13, 2023 5:13 PM

To: Allan, Brian F <ballan@illinois.edu>

Cc: Downie, Stephen R <sdownie@illinois.edu>; Newell, Brooke <bsnewell@illinois.edu>

Subject: Re: Small Language Change in EP 23.060 (Proposal too Establish a Joint Program in the Bachelor of Science in Liberal Arts and Sciences & the Master of Science in Integrative Biology)

Brian,

Again, I'm sorry for the stream of emails. One last thing has come up, but I believe it will be easy to address.

As of this moment, the 40-hour requirement for upper-division courses in undergraduate degrees is supposed to read thus:

Minimum hours for graduation are to include a minimum of 40 hours of upper-division coursework at the 300- and 400-level from all elements of the degree.

The language in EP 23.060 needs to be amended to say this (as this proposal seeks to establish a new joint program, it is my understanding that we must include it). I spoke today with Brooke Newell, and with your consent, she can change the proposal so that this language appears instead of the old language that just referenced 40 hours of upper-division coursework, without mentioning the 300- and 400-level classes.

Please let me know if you have any questions -- and **if you agree that the language may be fixed.**

With thanks,

Jennie

JENNIFER N. PAHRE

Teaching Associate Professor and Director of Undergraduate Studies

College of Law

University of Illinois Urbana-Champaign

202 Law Building | M/C 594

Champaign, IL 61820

217.333.0712 | jpahre@illinois.edu

www.law.illinois.edu



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From: Pahre, Jennie <jpahre@illinois.edu>

Sent: Thursday, April 13, 2023 2:12 PM

To: Allan, Brian F <ballan@illinois.edu>

Cc: Downie, Stephen R <sdownie@illinois.edu>

Subject: Re: Questions about Educational Policy Committee Proposals

Hi Brian,

I'm sorry to pester you again. I've received what I believe will be the final question pertaining to one of your pending proposals, EP 23.060. And I think it will be easy to answer.

Here it is:

The proposal contemplates increasing enrollment. Has there been any contact with the other departments that teach required classes (MATH, STAT, CHEM, PHYS, MCB ?) about this?

It may be that there has been communication about growth; if so, it would be useful to be able to tell my subcommittee member about it. If not, then perhaps agreement is anticipated based on a prior course of cooperation with these other units.

Thank you again for your help. Again, I don't anticipate receiving any further questions.

All best,

Jennie

JENNIFER N. PAHRE

Teaching Associate Professor and Director of Undergraduate Studies

College of Law

University of Illinois Urbana-Champaign

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From: Allan, Brian F <ballan@illinois.edu>

Sent: Wednesday, April 12, 2023 11:11 AM

To: Pahre, Jennie <jpahre@illinois.edu>
Cc: Downie, Stephen R <sdownie@illinois.edu>
Subject: Re: Questions about Educational Policy Committee Proposals

Hi Jennie,

Thank you so much, CIM-P is not my favorite system to navigate, so this made life much easier for me. I'll respond to your first question from your original email before the end of this week.

Best,
Brian

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--

Brian F. Allan
Professor, Department of Entomology
Associate Director for Academic Affairs, School of Integrative Biology
University of Illinois Urbana-Champaign
<https://publish.illinois.edu/ballan/>

From: Pahre, Jennie <jpahre@illinois.edu>
Sent: Tuesday, April 11, 2023 3:54 PM
To: Allan, Brian F <ballan@illinois.edu>
Cc: Downie, Stephen R <sdownie@illinois.edu>
Subject: Re: Questions about Educational Policy Committee Proposals

Hello Brian,

Thank you for your very prompt response. I'll pass your comments about the award system distinctions to the member who asked the question.

The proposals that you sponsored became part of the CIM-P system. But I know (from personal experience!) that this can be tricky to use. So, I've downloaded your proposals and created a Word document that includes EP 23.060 and EP 23.061.

I have attached the Word document to this email. (You'll note that the beginning of each proposal has the title highlighted in yellow.)

I've highlighted the questions in each proposal affirming that the proposal involves teacher certification in green; they appear in the document on pages 11 and 22.

All best,

Jennie

JENNIFER N. PAHRE

Teaching Associate Professor and Director of Undergraduate Studies

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

From: Allan, Brian F <ballan@illinois.edu>
Sent: Tuesday, April 11, 2023 3:26 PM
To: Pahre, Jennie <jpahre@illinois.edu>
Cc: Downie, Stephen R <sdownie@illinois.edu>
Subject: Re: Questions about Educational Policy Committee Proposals

Dear Professor Pahre,

Thanks for your email and I would be happy to help answer these questions. Could you please share with me the two proposals so I can make sure I'm giving the best answers to your questions?

On the differences between the Distinction requirements, please home in on the second bullet point in the list, since that is the main difference in the requirements for students. Specifically, students going for "Distinction" must "Give a poster presentation at the Undergraduate Research Symposium or other approved venue", whereas students going for "High or Highest Distinction" must "Submit a written thesis and give an oral presentation at the Undergraduate Research Symposium or other approved venue". Also, the Distinction projects are evaluated by a committee of faculty, who award Distinction, High Distinction, or Highest Distinction based upon the quality of the research, with the expectations for High or Highest Distinction being more rigorous.

Best,
Brian

--
--

Brian F. Allan
Professor, Department of Entomology
Associate Director for Academic Affairs, School of Integrative Biology
University of Illinois Urbana-Champaign
<https://publish.illinois.edu/ballan/>

From: Pahre, Jennie <jpahre@illinois.edu>
Sent: Tuesday, April 11, 2023 2:38 PM
To: Allan, Brian F <ballan@illinois.edu>
Cc: Downie, Stephen R <sdownie@illinois.edu>
Subject: Questions about Educational Policy Committee Proposals

Dear Professor Allan,

I hope that your week is going very well.

This year, I am the chair of Subcommittee A of the Senate Educational Policy Committee. The two proposals that you sponsored, EP 23.060 and EP 23.061, were sent to my subcommittee for review on Friday of last week. Some members of my committee have had the opportunity to review them and have just a few questions. Our last scheduled Educational Policy Committee meeting is scheduled for this coming Monday. I'd like to be able to present your proposals at that meeting, with all questions answered, to facilitate their approval. (I may receive more questions in a day or so, but given the timetable, I thought I would not delay on these. I hope you understand.)

I received the following two questions thus far:

- 1) Both proposals say that they are a "Teacher Certification Program." However, we did not see any information related to teaching certification. Is this designation correct?
- 2) EP 23.060 provides requirements for the enrolled students to achieve two flavors of honors: "Distinction for Excellence in Research" and "High or Highest Distinction for Excellence in Research." However, we were not able to identify any difference in the requirements. There are 2 options for each of these distinctions, and the first option is identical for both. This implies that those requirements will confer BOTH "Distinction for Excellence in Research" AND "High or Highest Distinction for Excellence in Research." There are differences in the second option for these distinctions. (We've copied them from the proposal below.)

For "Distinction for Excellence in Research" a student must do one of the following:

1. Complete two or more semesters of IB 390/IB 490 for 2-credit hours or more each semester. The student should enroll in IB 490 the semester the student intends to graduate, which counts towards the two required semesters. [THIS IS THE SAME AS FIRST OPTION FOR "High or Highest Distinction for Excellence in Research."]

OR

2. Complete at least 180 hours of mentored research. The research experience must last a minimum of 20 weeks (the weeks need not be consecutive and summer research counts toward this total) and students should enroll in one semester of IB 490 for a minimum of 1-credit hour prior to or during the semester they intend to graduate. Example: a student could be eligible if they complete a 10-week summer research experience combined with

enrolling in IB 490 the semester they intend to graduate.

- Maintain a minimum 3.25 GPA within the major at the end of the penultimate semester.
- Give a poster presentation at the Undergraduate Research Symposium or other approved venue.
- Have a completed distinction evaluation form submitted by their Faculty Research Advisor. Distinction will be determined by the SIB Distinction Committee based on the poster presentation and the Advisor's evaluation.
- Substitutions or other changes to these requirements may be made only via petition to and approval of the Chair of the SIB Distinction Committee and the SIB Associate Director for Academic Affairs.

For "High or Highest Distinction for Excellence in Research" a student must do one of the following:

1. Complete two or more semesters of IB 390/IB 490 for 2-credit hours or more each semester. The student should enroll in IB 490 the semester the student intends to graduate, which counts towards the two required semesters. [THIS IS THE SAME AS FIRST OPTION FOR "Distinction for Excellence in Research."]

OR

2. Complete at least 180 hours of mentored research. The research experience must last a minimum of 20 weeks (the weeks need not be consecutive and summer research counts toward this total) and students should enroll in one semester of IB 490 for a minimum of 1-credit hour prior to or during the semester they intend to graduate. Example: a student could be eligible if they complete a 10-week summer research experience combined with enrolling in IB 490 the semester they intend to graduate.

- Maintain a minimum 3.25 GPA within the major at the end of the penultimate semester.
- Submit a written thesis and give an oral presentation at the Undergraduate Research Symposium or other approved venue.
- Have a completed distinction evaluation form submitted by their Faculty Research Advisor.
- The level of Distinction will be determined by the SIB Distinction Committee based on the written thesis, the oral presentation, and the Advisor's evaluation.
- Substitutions or other changes to these requirements may be made only via petition to and approval of the Chair of the SIB Distinction Committee and the SIB Associate Director for Academic Affairs

I appreciate any assistance you can provide in addressing these questions.

Thank you in advance for your help.

Kind regards,

Jennie

JENNIFER N. PAHRE

Teaching Associate Professor and Director of Undergraduate Studies

College of Law

University of Illinois Urbana-Champaign

202 Law Building | M/C 594

Champaign, IL 61820

217.333.0712 | jpahre@illinois.edu

www.law.illinois.edu



As a land-grant institution, the University of Illinois at Urbana-Champaign has a responsibility to acknowledge the historical context in which it exists. We are currently on the lands of the Peoria, Kaskaskia, Peankashaw, Wea, Miami, Mascoutin, Odawa, Sauk, Mesquaki, Kickapoo, Potawatomi, Ojibwe, and Chickasaw Nations. It is necessary for us to acknowledge these Native Nations and for us to work with them as we move forward as an institution.

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