Program Change Request

A deleted record cannot be edited

Program Elimination Proposal

Date Submitted: 02/27/26 4:18 pm

Viewing: BS-BIFO-1 : Bachelor of Science in Bioinformatics

Last approved: 10/23/20 6:15 pm

Last edit: 02/27/26 4:18 pm

Changes proposed by: li129

> Catalog Pages
> Using this Program
> [Bachelor of Science in Bioinformatics](#)

Elimination type	Elimination ~~Active~~
End Term	Summer 2026

What is the reason this program is being eliminated?

In Workflow

1. **BIOL Chair**
2. Academic Affairs
3. Undergraduate Academic Affairs
4. LS Dean
5. Undergraduate Studies Committee Chair
6. Faculty Council Chair
7. Faculty Council Chair
8. Provost
9. President
10. Academic Affairs

Approval Path

1. 02/27/26 4:19 pm
   Lei li (li129):
   Approved for BIOL Chair

History

1. Oct 25, 2017 by clmig-jwehrheim
2. Nov 3, 2017 by Sarah Pariseau (sparisea)
3. Apr 27, 2018 by Sarah Pariseau (sparisea)
4. May 11, 2018 by Sarah Pariseau (sparisea)
5. Oct 23, 2020 by Holli Pryor-Harris (pryor)

Low enrollment and lack of instructional resources

Are there any students in this program?

Yes

TEACH-OUT PLAN

Provide the number of students, by level, who are currently in the program, and an estimated time to graduation (ir years) for each level.

Level	Number of Students	Time to Graduation (in years)
U1	2	3
U3	1	1
U5	1	1

List any courses that will be discontinued and the term when they will no longer be offered.

Biol 104

Please list what other options a student will be offered to complete their degree. Any plans for student academic and financial advising through this process.

We will develop teach-out plans for the affected students.

Please provide a communication plan to ensure students and other institutional stakeholders are informed of this closure and throughout the teach-out process. If you wish to include an attachment instead, please include it below.

We will communicate with the students about the elimination of this program and provide teach-out plans to each of them.

Communication Plan Attachment

What contact information (name, phone number, email, etc.) will you provide for students and other stakeholders to ask questions about this program closure?

Lei Li, 312-567-3278, li129@illinoistech.edu

Please provide a list of programmatic accreditors and/or licensing agencies (i.e., NAAB, AACSB or ABET) that have been or will be notified.

Name of Accreditors and/or Licensing Agencies	Date of Notification (MM/DD/YYYY)
NA	NA

If you have notification documentation, please attach.

Program Status	Elimination ~~Active~~		
Requestor	Name	Lei li ~~Holli Pryor-Harris~~	E-mail

li129@iit.edu ~~pryor@iit.edu~~

Origination Date	2020-10-23
Is this an interdisciplinary program?	No
Is this stem-eligible?	
Available for direct application?	
Academic Unit	Biological Sciences College

Lewis College of Science and Letters

Program Title	Bachelor of Science in Bioinformatics		
Effective Academic Year	2020 - 2021	Effective Term	Summer 2026
Academic Level	Undergraduate		

If all courses in a subject in your department are required, please enter each subject followed by the number ranges in the "Quick Add" field in the pop up box when you click the green plus button below. For example: ARCH 100-499.

What courses will factor the major GPA?	
Program Type	Degree
Degree Type	Bachelor of Science (BS)

CIP Code

26.1103 - Bioinformatics.

Is there more than one Academic Unit proposer?

No

Program Code	BS-BIFO-1

Program Attribute

Total Program Credit Hours	127

Program Narrative and Justification

Narrative description of how the institution determined the need for the program. For example, describe what need this program will address and how the institution became aware of that need. If the program is replacing a current program(s), identify the current program(s) that is being replaced by the new program(s) and provide details describing the benefits of the new program(s). If the program will be offered in connection with, or in response to, an initative by a governmental entity, provide details of that initiative.

Narrative description of how the program was designed to meet local market needs, or for an online program, regional or national market needs. For example, indicate if Bureau of Labor Statistics data or State labor data systems information was used, and/or if State, regional, or local workforce agencies were consulted. Include how the course content, program length, academic level, admission requirements, and prerequisites were decided; including information received from potential employers about course content; and information regarding the target students and employers.

Narrative description of any wage analysis the institution may have performed, including any consideration of Bureau of Labor Statistics wage data related to the new program.

Narrative description of how the program was reviewed or approved by, or developed in conjunction with, one or more of the following: a) business advisory committees; b) program integrity boards; c) public or private oversight or regulatory agencies (not including the state licensing/authorization agency and accrediting agency); and d) businesses that would likely employ graduates of the program. For example, describe the steps taken to develop the program, identify when and with whom discussions were held, provide relevant details of any proposals or correspondence generated, and/or describe any process used to evaluate the program.

Admission Entry Details

What are the enrollment estimates?

Year 1   Year 2   Year 3

Attach Additional
Program
Justification
Document(s)

Academic Information

Advising

Since quality advising is a key component of good retention, graduation, and career placement, how will students be mentored? What student professional organizations will be formed? How will the department work with the Career Services office to develop industry connections?

Program Resources

Which program resources are necessary to offer this program?

Proposed Catalog Entry

Admission Requirements

Sample Curriculum/Program Requirements

Bachelor of Science in Bioinformatics Curriculum

Semester 1	Credit Hours	Semester 2	Year 1 Credit Hours
BIOL 100	2	BIOL 104	3
BIOL 107	3	BIOL 115	3
CHEM 124	4	CHEM 125	4
CS 115	2	CS 116	2
MATH 151	5	MATH 152	5
	16		17
Semester 1	Credit Hours	Semester 2	Year 2 Credit Hours
BIOL 214	3	BIOL 210	3
PHYS 123	4	BIOL 225	2
CS 330	3	PHYS 221	4
MATH 251	4	Track Elective[1]	3-4
Social Sciences Elective	3	Humanities 200-level Course	3
	17		15-16

Year 3

Semester 1	Credit Hours	Semester 2	Credit Hours
CHEM 237	4	BIOL 403	4
MATH 475	3	BIOL 413	3
Bioinformatics Technical Elective	3	CS 331	3
Humanities or Social Sciences Elective	3	PHYS 224	3
Humanities Elective (300+)	3	Bioinformatics Technical Elective	3
	16		16

Year 4

Semester 1	Credit Hours	Semester 2	Credit Hours
MATH 476	3	BIOL 451	2
Track Elective[2]	3	BIOL 495	1
Track Elective[2]	3	Bioinformatics Technical Elective	3
IPRO Elective I	3	Humanities Elective (300+)	3
Social Sciences Elective (300+)	3	Social Sciences Elective (300+)	3
		IPRO Elective II	3
	15		15

Total Credit Hours: 127-128

[1] For the Applied Bioinformatics track, select MATH 332. For the Computational Biology track, select MATH 252.

[2] For the Applied Bioinformatics track, select CS 422 and CS 425. For the Computational Biology track, select BIOL 445 and BIOL 445.

Specialization Requirements

Program Outcomes and Assessment Process

What are your learning objectives in this program? Please list each learning objective in the boxes below:

Note: These should be the same as described in your assessment plan at the bottom of this form.

Upload your
assessment plan
here:

Undergraduate Program Requirements

What courses will
factor the major
GPA?

Undergraduate Degree Requirements

Minimum credit   127
hours

Specialization
required?
   Yes

Notes about
specialization
requirement

Minor required?
   No

Proposed General Curriculum

Degree credit hours   127
required

Specialization
credit hour
requirement

List Major Course
Requirements

List Mathematics
Requirements

List Science
Requirements

List Computer
Science
Requirements

List Humanities and
Social Sciences
Requirements

List
Interprofessional
Project (IPRO)
Requirements

List Technical
Elective Course
Options

List Free Elective
Credit Hours (if
applicable)

Semester-by-
semester plan of
study for the
degree program

Specialization

Reviewer
Comments

Key: 34