

Program Change Request

Date Submitted: 02/05/26 11:34 am

Viewing: BNF : Bioinformatics Minor

Last approved: 10/30/20 2:57 pm

Last edit: 02/05/26 11:34 am

Changes proposed by: jbazaz

Catalog Pages

Using this Program

[Bioinformatics Minor](#)

No Longer
Anticipated closure

[Details](#)

Are you completing this form on someone else's behalf?

No

Effective Catalog: 2026-2027

Program Level: Undergraduate

Program Type: Minor

Title: Bioinformatics Minor

- 1. What was the process used to develop this badge?
- 2. What evidence was used to develop this badge?
- 3. Has your program been reviewed by CBE?
- 4. Has the institutional learning outcomes been reviewed by CBE?
- 5. Does this badge provide a badge?

5. Is this badge co-sponsored with another organization?

- ~ What is the organization?

Academic

Artistic

Business

Education

Engineering

Professional

Science

Social Science

Technology

Other

In Workflow

1. **SSB Program Chair**
2. SC Curriculum Committee
3. SC Assistant Dean
4. Assoc Provost- Undergraduate
5. Registrar-Programs

History

1. Nov 16, 2017 by clmig-jwehrheim
2. Oct 30, 2020 by Tory Sarro (vsarro)

Banner Title: Bioinformatics Minor

Is this a retitling of

Registrar/OAPI Use

Registrar's Office

Use Only –

Program Start Term

Registrar/OAPI Use

Registrar/OAPI Use

Only – SACSCOC

Status

Registrar/IRR Use

College/School: College of Science

Department / Academic Unit: School of Systems Biology

Jointly Owned Program? No

Is there an embedded degree as part of a program?

Justification

What: Updating the curriculum to account for BIOL course lecture and lab decoupling.

Why: To ensure students are still required to complete the course's lecture and lab components in light of the course being decoupled into two courses.

Catalog Published Information

Total Credits Total credits: 19-20

Required:

Registrar's Office Use Only - Program Code:

BNF

Registrar/IRR Use

Only – Program CIP

Code

Admission**Requirements:****Program-Specific Policies:**

Policies

Eight credits of coursework must be unique to the minor and students must complete all coursework with a minimum GPA of 2.00. For policies governing all minors, see [AP.5.3.4 Minors](#).

For policies governing all undergraduate programs, see [AP.5 Undergraduate Policies](#).

Degree Requirements: Students should refer to the [Admissions & Policies](#) tab for specific policies related to this program.

Students must complete the following courses with a minimum GPA of 2.00.

Coursework

BINF 401	Bioinformatics and Computational Biology I	3
BINF 402	Bioinformatics and Computational Biology II	3
BIOL 213 & BIOL 215	Cell Structure and Function and Cell Structure and Function Laboratory	4
BIOL 482	Introduction to Molecular Genetics	3
STAT 250	Introductory Statistics I (Mason Core)	3
or STAT 344	Probability and Statistics for Engineers and Scientists I	
CS 112	Introduction to Computer Programming (Mason Core)	3-4
or IT 306	Data Structures and Algorithms in Java	
Total Credits		19-20

Retroactive Requirements Updates:**Plan of Study:****Honors Information:**

Accelerated
Description/Dual
Degree
Description:
INTO-Mason
Requirements:

College
Requirements &
Policies:

Department /
Academic Unit
Requirements &
Policies:

Program Outcomes

Courses offered via
Indicate whether

What is the
primary delivery
format for the
program?

Does any portion of this program

Additional SCHEV & SACS

Is the content of the new program
Which existing approved
Is this new program considered to
Which existing approved
Is this new program considered to
Which existing approved
Is this a re-opening of a program
Date of Program Closure
What are the methods of delivery
Does this program include a
Is this change a simple retitling of
an existing program, with no
other changes, to any existing
program content, curriculum
requirements, etc?

Does this change represent a

Have you reached out to the Libraries to determine whether there are adequate resources to support your program? If not, please email Meg Meiman, Associate University Librarian for Learning, Research, and Engagement at mmeiman2@gmu.edu.

OAPI Use Only – Determination of SACSCOC Impact**Comments or Notes****Green Leaf Program Designation**

Is this a Green Leaf No
program?

Green Leaf
Sustainability-focused academic programs
 Environmental
 Sustainability
List sustainability-
Sustainability-related academic-
List sustainability-

Does this program cover material which crosses into another department?

No

Important
Additional
Attachments

Executive Summary

Reviewer
Comments

Additional
Comments

Is this course required of all students in this degree program?

%wi_required.eschtml%

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Key: 421