

Program Change Request

New Program Proposal

Date Submitted: 02/04/22 3:12 pm

Viewing: : **Human Biology Graduate Certificate**

Last edit: 02/04/22 3:12 pm

Changes proposed by: jbazaz

No Longer2022-2023

Accenting Students

Anticipated closure

date (i.e., calendar

date students are

Rationale for

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

Yes

Requestor:

In Workflow

1. Registrar-Programs:Title Change
2. SSB Program Chair
3. SC Curriculum Committee
4. SC Associate Dean
5. Assoc Provost-Graduate
6. SACSCOC New Program Approval
7. SCHEV New Program Approval
8. Registrar: Activate Code
9. Registrar-Programs

Approval Path

1. 02/07/22 9:27 am
Tory Sarro (vsarro):
Approved for Registrar-Programs:Title Change
2. 02/07/22 9:58 am
Iosif Vaisman (ivaisman):
Approved for SSB Program Chair
3. 02/07/22 10:07 am
Jennifer Bazaz Gettys (jbazaz):
Approved for SC Curriculum Committee
4. 02/07/22 10:08 am
Jennifer Bazaz Gettys (jbazaz):

Approved for SC
Associate Dean

Name	Extension	Email
Ancha Baranova	571-334-1145	abaranov@gmu.edu

Effective Catalog: 2022-2023

Program Level: Graduate

Program Type: Certificate

Degree Type: Graduate Certificate

Title: Human Biology Graduate Certificate

Banner Title: Human Biology

Is this a retitling of an existing program? Yes

Existing Program Title Personalized Medicine Graduate Certificate

Registrar/OAPI Use Only – SCHEV Status Pending Approval

Registrar's Office Use Only – Program Start Term

Registrar/OAPI Use Only – SCHEV Letter

Registrar/OAPI Use Only – SACSCOC Status

Concentration(s):

Registrar/IRR Use Only – Concentration CIP Code

College/School: College of Science

Department / Academic Unit: School of Systems Biology

Jointly Owned Program? No

Participating

Justification

What: Creating a new certificate in Human Biology.
Why: To replace the Personalized Medicine Graduate Certificate.

Catalog Published Information

Total Credits Required:

Total credits: 15

Registrar's Office Use Only - Program Code:

Registrar/IRR Use
Only – Program CIP
Code

Admission
Requirements:

Admissions

University-wide admissions policies can be found in the [Graduate Admissions Policies](#) section of this catalog. To apply for this program, please complete the [George Mason University Admissions Application](#). Prospective students should hold an undergraduate GPA of 3.00. To be considered for admission, applicants must submit the [George Mason University Admissions Application](#), all undergraduate transcript(s), three letters of recommendation, and a statement of interest.

Program-Specific
Policies:

Policies

Students may not enroll initially in any College of Science master's or doctoral program and later transfer into this certificate program. For policies governing all graduate programs, see [AP.6 Graduate Policies](#).

Premium Tuition

This certificate charges students a differential tuition rate of \$100 per credit hour, which is added to the standard graduate tuition rate (regardless of in or out of state status).

Degree Requirements:

This certificate may be pursued on a full-or part-time basis. Students should refer to the [Admissions & Policies](#) tab for specific policies related to this program.

Core Courses

BIOL 566	Cancer Genomics	3
BIOL 682	Advanced Eukaryotic Cell Biology	3
BIOL 685	Emerging Infectious Diseases	3
Total Credits		9

Restricted Electives

Select at least 6 credits from the following courses. All restricted electives must be approved by an advisor.

6

BIOL 506	Selected Topics in Microbiology
BIOL 508	Selected Topics in Animal Biology
BIOL 553	Advanced Topics in Immunology
BIOL 562	Personalized Medicine
BIOL 568	Advanced Topics in Molecular Genetics
BIOL 572	Human Genetics
BIOL 575	Selected Topics in Genetics
BIOL 583	General Biochemistry
BIOL 669	Pathogenic Microbiology
BIOL 691	Current Topics in Biology
BIOL 695	Seminar in Molecular, Microbial, and Cellular Biology
BIOS 701	Systems Biology
BIOS 741	Genomics
BIOS 743	Genomics, Proteomics, and Bioinformatics
BINF 633	Molecular Biotechnology
BINF 630	Bioinformatics Methods

Total Credits

6

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

Additional Program Information

This information is required by the Office of Accreditation and Program Integrity.

Courses offered via distance (if applicable):

Indicate whether students are able to pursue on a: Both Full and Part-time basis

What is the primary delivery format for the program? Face-to-Face Only

Does any portion of this program occur off-campus?

No

Off-campus details:

Are you working with a vendor / other collaborators to offer your program?

No

Please explain:

Related Departments

Could this program prepare students for any type of professional licensure, in Virginia or elsewhere?

No

Please explain:

Are you adding or removing a licensure component?

No

Please explain:

Additional SCHEV & SACSCOC Information

Is the content of the new program closely related to that of an existing approved program at the same instructional level (i.e., baccalaureate, master's, doctoral)?

Yes

Which existing approved program(s)?

Personalized Medicine, which is being inactivated.

Is this new program considered to be "advancing the degree level of a currently approved program" (i.e. existing content is at lower degree level, new content is at the higher degree level)?

No

Which existing approved program(s)?

Is this new program considered to be "lowering the degree level of a currently approved program" (i.e. existing content is at higher degree level, new content is at the lower degree level)?

No

Which existing approved program(s)?

Is this a re-opening of a program that was closed to admission within the last five years?

No

Date of Program Closure

What are the methods of delivery for the program?

Face-to-Face Only

Does this program include a course/credit-based competency-based education delivery option?

No

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 repackaging of content in an existing approved degree/certificate program at the same instructional level (i.e., baccalaureate, master's, or doctoral)?

Which existing approved program(s)?

Percentage of total credits containing new course content. ("New course content" is defined by SACSCOC as content that is not currently included in an existing approved degree/certificate program at the same instructional level. Do not exclude gen ed credits in calculations for undergraduate programs.)

0%-24%

Does this change include the addition of a distance education or face-to-face method of delivery for this program?

What is the new method of delivery?

Does this change include the addition of a course/credit-based competency-based education delivery option?

Will any additional equipment/facilities be needed?

No

Description of institutional impact:

Will any additional faculty be required?

No

Description of institutional impact:

Will any additional financial resources be needed?

No

Description of institutional impact:

Additional library/learning resources needed?

No

Description of institutional impact:

OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes

Green Leaf Program Designation

Is this a Green Leaf program? No

Green Leaf Designation

Sustainability-focused academic programs require at least one green leaf course. Either that course is itself sustainability-focused or else the program requires a set of sustainability-related courses with aggregated

Relationship to Existing Courses

Relationship to Existing Programs

List sustainability-focused courses currently required in the degree

Sustainability-related academic programs either require at least one sustainability-related course or else offer any green leaf course as an option or elective *

List sustainability-related courses currently required

Does this program cover material which crosses into another department?

No

Impacted Departments

Additional Attachments [Human Biology CERG 020422.pdf](#)

SCHEV Proposal Executive Summary

2/8/22, 3:03 PM

: Human Biology Graduate Certificate

Reviewer
Comments

Additional
Comments

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

%wi_required.eshtml%

Attached
Document

[%attach_document.eshtml%](#)

Key: 970