

# Program Change Request

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## Program Inactivation Proposal

Date Submitted: 01/27/22 11:23 am

Viewing: **SC-CERB-CCBS : Career Changer's**

## Biological Sciences Undergraduate Certificate

Last approved: 02/19/21 12:38 pm

Last edit: 02/04/22 1:31 pm

Changes proposed by: jbazaz

### Catalog Pages

#### Using this Program

[Career Changer's Biological Sciences Undergraduate Certificate](#)

No Longer  
Accepting Students  
Effective Catalog

2022-2023

Anticipated closure  
date (i.e., calendar  
date students are  
no longer  
admitted):

**January 26, 2022**

Rationale for  
Inactivation

### In Workflow

1. **BIOL Program Chair**
2. **SC Curriculum Committee**
3. SC Associate Dean
4. Assoc Provost-Undergraduate
5. SACSCOC Discontinuation Notification
6. SCHEV Discontinuation Notification
7. SACSCOC Approval of Discontinuation
8. SCHEV Approval of Discontinuation
9. Registrar-Programs

### Approval Path

1. 02/04/22 3:41 pm  
Geraldine Grant (ggrant1): Approved for BIOL Program Chair

### History

1. Oct 23, 2017 by clmig-jwehrheim
2. Feb 16, 2018 by rzachari
3. Feb 1, 2019 by Tory Sarro (vsarro)

4. Mar 14, 2019 by  
Tory Sarro (vsarro)
5. Nov 5, 2020 by Tory  
Sarro (vsarro)
6. Feb 19, 2021 by  
Johanna Riemen  
(jriemen)

**What: Inactivating the certificate.**

**Why: The certificate was not located on SCHEV's inventory, we are working on creating a concentration in its place.**

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

**Effective Catalog:** 2022-2023

**Program Level:** Undergraduate

**Program Type:** Certificate

**Degree Type:** Post-Baccalaureate Certificate

**Title:** Career Changer's Biological Sciences Undergraduate Certificate

**Banner Title:** Career Changer Biol Science

**Is this a retitling of an existing program?**

**Existing Program**

**Registrar/OAPI Use Only – SCHEV Status** Approved

**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:** Biology

**Jointly Owned  
Program?** No

**Participating  
Participating  
Justification**

## Catalog Published Information

**Total Credits  
Required:** Total credits: 63-64

**Registrar's Office Use Only - Program Code:**

SC-CERB-CCBS

**Registrar/IRR Use  
Only – Program CIP  
Code** 26.0101 - Biology/Biological Sciences,  
General.

**Admission  
Requirements:**

## Admissions

University-wide admissions policies can be found in the [Undergraduate Admissions Policies](#) section of this catalog.

To apply for this program, please complete the [George Mason University Admissions Application](#).

Additionally, admission into this certificate requires:

- The desire to pursue a career in biological sciences or the health professions (research, medicine, dentistry, teaching, law, etc.)
- A conferred bachelor's degree from a regionally accredited institution with a GPA of 3.00 or higher
- A completed [George Mason University Admissions Application](#) along with a the appropriate application fee
- Two sets of official transcripts from each institution attended

Standardized test scores are not required.

**Program-Specific  
Policies:**

## Policies

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

Some courses can be waived if previously taken during undergraduate training. Substitutions will be recommended where appropriate.

## Certificate Fees

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In addition to tuition and the usual laboratory and [College of Science](#) fees, a fee of \$500 per semester will be assessed to defray the costs of the outside speakers and the additional administrative work associated with this certificate.

## Notes

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- Each student must see an advisor in the [Department of Biology](#) prior to registration each semester.
- The program will normally take four semesters to complete for a full-time student.
- It is recommended that students interested in healthcare professions do the following:
  - Register for the [HEALTHPROFESSIONSADVISOR listserv](#);
  - Attend at least one group advising session conducted by the [Health Professions Advisor](#); and
  - Consider participating in [Health Professions Advising](#) activities designed for students in a relevant application cycle

### 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.

To earn this certificate, a student must pass all of the courses listed below with a grade no lower than 'B-' and achieve a GPA of at least 3.40.

## Cell Biology, Biostatistics, and Genetics

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<a href="#">BIOL 213</a>	Cell Structure and Function ( <a href="#">Mason Core</a> )	4
<a href="#">BIOL 214</a>	Biostatistics for Biology Majors	4
<a href="#">BIOL 311</a>	General Genetics	4
Total Credits		12

## Additional Upper-level Biology

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<a href="#">Select three additional 300, 400, or 500-level BIOL courses (with the exception of BIOL 300) in consultation with an academic advisor.</a>		12
Total Credits		12

## General Chemistry

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<a href="#">CHEM 211</a>	General Chemistry I ( <a href="#">Mason Core</a> )	4
& <a href="#">CHEM 213</a>	and General Chemistry Laboratory I ( <a href="#">Mason Core</a> )	

<a href="#">CHEM 212</a>	General Chemistry II ( <a href="#">Mason Core</a> )	4
& <a href="#">CHEM 214</a>	and General Chemistry Laboratory II ( <a href="#">Mason Core</a> )	
Total Credits		8

## Organic Chemistry and Biochemistry

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<a href="#">BIOL 483</a>	General Biochemistry	4
<a href="#">CHEM 313</a>	Organic Chemistry I	5
& <a href="#">CHEM 315</a>	and Organic Chemistry Lab I	
<a href="#">CHEM 314</a>	Organic Chemistry II	5
& <a href="#">CHEM 318</a>	and Organic Chemistry Lab II	
Total Credits		14

## Physics

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<a href="#">PHYS 243</a>	College Physics I ( <a href="#">Mason Core</a> )	4
& <a href="#">PHYS 244</a>	and College Physics I Lab ( <a href="#">Mason Core</a> )	
<a href="#">PHYS 245</a>	College Physics II ( <a href="#">Mason Core</a> )	4
& <a href="#">PHYS 246</a>	and College Physics II Lab ( <a href="#">Mason Core</a> )	
Total Credits		8

## Psychology and Sociology

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Select 6 credits of psychology and/or sociology courses in consultation with the biology advisor.	6
Total Credits	6

## Mathematics

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<a href="#">MATH 111</a>	Linear Mathematical Modeling ( <a href="#">Mason Core</a> ) 1	3-4
or <a href="#">MATH 113</a>	Analytic Geometry and Calculus I ( <a href="#">Mason Core</a> )	
Total Credits		3-4

1 Calculus is recommended, but not required.

## Career Seminars

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These seminars will be organized each semester and will feature outside speakers from a wide variety of biologically-oriented professions.

**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

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*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?**

**Does any portion of this program occur off-campus?**

**Off-campus details:**

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

**Please explain:**

**Related Departments**

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

**Please explain:**

**Are you adding or removing a licensure component?**

**Please explain:**

### Additional SCHEV & SACSCOC Information

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

**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, 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 i

Which existing approved program(s)?

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

Date of Program Closure

What are the methods of delivery for the program?

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

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,

Which existing approved program(s)?

Percentage of total credits containing new course content. ("New course content" is defined by

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?

Description of institutional impact:

Will any additional faculty be required?

Description of institutional impact:

Will any additional financial resources be needed?

Description of institutional impact:

Additional library/learning resources needed?

Description of institutional impact:

### OAPI Use Only – Determination of SACSCOC Impact

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Comments or Notes

### Green Leaf Program Designation

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Is this a Green Leaf program? No

Green Leaf

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

Relationship to

List sustainability-focused courses currently required in the degree

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

List sustainability-

Does this program cover material which crosses into another department?

No

Impacted Departments

Additional Attachments

SCHEV Proposal Executive Summary

Reviewer Comments

Additional Comments

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

**No**

**Attached  
Document**

[%attach\\_document.eshtml%](#)

Key: 18