Program Change Request

Date Submitted: 02/08/21 11:44 am

Viewing: SC-BS-BIOL : Biology, BS

Last approved: 10/30/20 3:21 pm

Last edit: 02/08/21 11:44 am

Changes proposed by: jbazaz

Catalog Pages Using this Program <u>Biology, BS</u>

2021-2022 Rationale for

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

Yes

Requestor:

In Workflow

1. BIOL Program Chair

2. SC Curriculum Committee

- 3. SC Associate Dean
- 4. SC CAT Editor
- 5. Assoc Provost-Undergraduate
- 6. Registrar-Programs: Duration
- 7. Registrar-Programs

Approval Path

1. 02/08/21 11:45 am Geraldine Grant (ggrant1): Approved for BIOL Program Chair

History

- 1. Oct 23, 2017 by clmig-jwehrheim
- 2. Dec 5, 2017 by clmig-jwehrheim
- 3. Mar 1, 2018 by Jennifer Bazaz Gettys (jbazaz)
- Mar 8, 2018 by Rebekah Zacharias (rzachari)
- 5. Mar 16, 2018 by Rebekah Zacharias (rzachari)
- 6. Dec 4, 2018 by Jennifer Bazaz

Gettys (jbazaz)

- 7. Feb 1, 2019 by Jennifer Bazaz Gettys (jbazaz)
- 8. Mar 4, 2019 by Tory Sarro (vsarro)
- 9. Jan 16, 2020 by Jennifer Bazaz Gettys (jbazaz)
- 10. Mar 24, 2020 by Jennifer Bazaz Gettys (jbazaz)
- 11. Apr 2, 2020 by Johanna Riemen (jriemen)
- 12. Oct 30, 2020 by Tory Sarro (vsarro)

Nam	e	Extension	Email
Deborah Polayes		4543	dpolayes
Effective Catalog:	2021-2022		
Program Level:	Undergraduat	e	
Program Type:	Bachelor's		
Degree Type:	Bachelor of Sc	ience	
Title:	Biology, BS		
Banner Title:	Biology, BS		
Is this a retitling of an existing			
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):

	Associated Concentrations	Registrar's Office Use Only: Concentration Code
1	Bioinformatics	BNF
2	Biopsychology	BP
3	Biotechnology and Molecular Biology	BTMB
4	Environmental and Conservation Biology	ESCB
5	Microbiology	MIB

INITO Maior(s).

Registrar/IRR Use Only – Concentration CIP Code	
College/School:	College of Science
Department / Academic Unit:	Biology
Jointly Owned Program?	No
Participating	

Participating

Justification

GEOL 102 was reduced from 4 credits to 3 when the lecture and lab were decoupled. We are adding in GEOL 104 to all instances of GEOL 102 to add the 1 credit lab back into the program.

Catalog Published Information

Total CreditsTotal credits: minimum 120Required:

Registrar's Office Use Only - Program Code:

SC-BS-BIOL

Registrar/IRR Use26.0101 - Biology/Biological Sciences,Only – Program CIP
CodeGeneral.

Admission Requirements:

Admissions

University-wide admissions policies can be found in <u>Undergraduate Admissions Policies</u>. To apply for this program, please complete the <u>George Mason University Admissions Application</u>.

Program-Specific Policies:

Policies

Students must fulfill all <u>Requirements for Bachelor's Degrees</u>, including the <u>Mason Core</u>. Important information and departmental policies are listed in the <u>Department of Biology</u>. <u>BIOL 308</u> Foundations of Ecology and Evolution meets the writing intensive requirement for this major. Transfer students who have transferred in <u>BIOL 308</u> Foundations of Ecology and Evolution but did not meet the writing intensive requirement may take <u>MLAB 300</u> Science Writing to meet the writing intensive requirement. For policies governing all undergraduate degrees, see <u>AP.5 Undergraduate Policies</u>.

Important Program Requirements

- Students may apply no more than 8 credits of <u>BIOL 103</u> Introductory Biology II-Survey of Cell and Molecular Biology (<u>Mason Core</u>) or <u>BIOL 107</u> Intro Biology II Lecture (<u>Mason Core</u>) and <u>BIOL 106</u> Introductory Biology II Laboratory (<u>Mason Core</u>) toward elective credit (or equivalent transfer credit at the 100 to 200-level) if taken before successful completion of <u>BIOL 213</u> Cell Structure and Function (<u>Mason Core</u>).
- Biology majors must earn a minimum grade of 'C' in all biology core courses. A grade of 'C' or better must be earned in <u>BIOL 213</u> Cell Structure and Function (<u>Mason Core</u>) in order to advance to other core requirements.
- Students may repeat <u>BIOL 213</u> Cell Structure and Function (<u>Mason Core</u>) once, but a second time only with permission from the Department of Biology.
- Students may not count <u>BIOL 124</u> Human Anatomy and Physiology and/or <u>BIOL 125</u> Human Anatomy and Physiology toward any biology major requirement.
- Students who take <u>BIOL 300</u> BioDiversity may **not** count <u>BIOL 303</u> Animal Biology and/or <u>BIOL 304</u> Plant Biology toward any biology major requirement.
- 44 credits must be in biology coursework.
- <u>BIOL 493</u> Honors Research in Biology, <u>BIOL 495</u> Directed Studies in Biology, and <u>BIOL 497</u> Special Problems in Biology do not satisfy the requirements of the BS degree which state that students must complete at least two upper division courses that include a laboratory. The courses do, however, count as non-laboratory electives. The total limit for <u>BIOL 493</u> Honors Research in Biology, <u>BIOL 495</u> Directed Studies in Biology, and <u>BIOL 497</u> Special Problems in Biology combined is 6 credits toward the 44 credits required for the BS.

Several optional concentrations are available; details on each can be found in the Requirements tab.

Teacher Licensure

Students majoring in biology who wish to pursue a career teaching secondary school may consider applying for the <u>Secondary Education - Biology (6-12) Undergraduate Certificate</u> offered by the <u>College of Education and Human</u>

<u>Development</u> as an option in seeking an initial Virginia teaching license.

Other routes to licensure include the <u>Biology, BA or BS/Curriculum and Instruction, Accelerated MEd</u> (Secondary Education Biology Concentration) or select traditional Master's programs. Please contact the <u>College of Education</u> <u>and Human Development</u> for more information.

Degree Requirements:

Students should refer to the <u>Admissions & Policies</u> tab for specific policies related to this program. Students must complete their biology coursework and the supporting requirements which follow with a minimum GPA of 2.00.

All students must complete the Core Courses listed below. Students then elect to complete the BS degree either with a concentration or without a concentration.

Core Courses

Biology		
BIOL 213	Cell Structure and Function (Mason Core)	4
BIOL 214	Biostatistics for Biology Majors	4
BIOL 300	BioDiversity	4
BIOL 308	Foundations of Ecology and Evolution 1	5
<u>BIOL 311</u>	General Genetics	4
Chemistry		
<u>CHEM 211</u>	General Chemistry I <u>(Mason Core)</u>	4
& <u>CHEM 213</u>	and General Chemistry Laboratory I (Mason Core)	
<u>CHEM 212</u>	General Chemistry II <u>(Mason Core)</u>	4
& <u>CHEM 214</u>	and General Chemistry Laboratory II <u>(Mason Core)</u>	
<u>CHEM 313</u>	Organic Chemistry I	5
& <u>CHEM 315</u>	and Organic Chemistry Lab I	
Physics		
Select from one of th	e following Mason Core Natural Science sequences:	8
<u>PHYS 160</u>	University Physics I <u>(Mason Core)</u>	
& <u>PHYS 161</u>	and University Physics I Laboratory (Mason Core)	
& <u>PHYS 260</u>	and University Physics II <u>(Mason Core)</u>	
& <u>PHYS 261</u>	and University Physics II Laboratory <u>(Mason Core)</u>	
<u>PHYS 243</u>	College Physics I <u>(Mason Core)</u>	
& <u>PHYS 244</u>	and College Physics I Lab <u>(Mason Core)</u>	
& <u>PHYS 245</u>	and College Physics II <u>(Mason Core)</u>	
& <u>PHYS 246</u>	and College Physics II Lab <u>(Mason Core)</u>	
Mathematics		
Select one from the f	following:	3-6
<u>MATH 111</u>	Linear Mathematical Modeling <u>(Mason Core)</u>	
or MATH 113	Analytic Geometry and Calculus I (Mason Core)	

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<u>MATH 123</u>	Calculus with Algebra/Trigonometry, Part A	
& <u>MATH 124</u>	and Calculus with Algebra/Trigonometry, Part B <u>(Mason Core)</u>	
Computer Science		
Select one from the f	following:	3
<u>CDS 130</u>	Computing for Scientists 2	
Any course(s) that	t fulfills the Mason Core: Information Technology requirement	
Total Credits		48-51
1Fulfills writing inten	nsive requirement.	
Transfer students who have transferred in <u>BIOL 308</u> Foundations of Ecology and Evolution but did not meet the		
writing intensive rea	quirement may take MLAB 300 Science Writing to meet the writing intensive require	nent.
2 Recommended by t	the Department of Biology.	

BS without Concentration

Students who do not s	select an optional concentration must complete the biology core and shared courses sho	wn
above in addition to the	he curriculum requirements listed below.	
Biology Electives		
Complete 23 credits o	<u>f additional biology courses</u> 1	23
Additional Science Co	urses	
Students are encourage	ged to consult with a biology faculty advisor to determine which option (A, B, or C) best	3-8
meets their career goa	als. Select one from the following options:	
Option A:		
<u>CHEM 314</u>	Organic Chemistry II	
& <u>CHEM 318</u>	and Organic Chemistry Lab II	
Option B:		
One 3 credit chemi	istry course at the 300 or 400-level (not CHEM 314)	
Option C:		
<u>GEOL 101</u>	Introductory Geology I <u>(Mason Core)</u>	
& <u>GEOL 102</u>	and Historical Geology <u>(Mason Core)</u>	
& <u>GEOL 104</u>	and Historical Geology Laboratory <u>(Mason Core)</u> (Natural Science courses)	
Total Credits		26-
		31

Note:

Students expecting to enter a professional school are strongly encouraged to complete <u>MATH 113</u> Analytic Geometry and Calculus I (<u>Mason Core</u>).

10f which, at least 15 credits must be upper division, and at least two of the upper division courses must include a laboratory.

Concentration in Bioinformatics (BNF)

The highly interdisciplinary field of bioinformatics has emerged as a powerful modern science. There is a great demand for undergraduate and graduate-level trained individuals with a background in bioinformatics in industry

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as well as in academia.		
Computer Science		3
Please note: CDS 130 is	recommended to fulfill the Computer Science requirement in the shared core above.	
<u>CDS 230</u>	Modeling and Simulation I	
Bioinformatics		6
<u>BINF 401</u>	Bioinformatics and Computational Biology I	
BINF 402	Bioinformatics and Computational Biology II	
Biology		14-16
BIOL 312	Biostatistics for Bioinformatics	
BIOL 401	Phage Discovery	
<u>BIOL 412</u>	Phage Genomics	
Biology Lab Elective		
Select one from the follo	owing:	
<u>BIOL 305</u>	Biology of Microorganisms	
& <u>BIOL 306</u>	and Biology of Microorganisms Laboratory	
BIOL 320	Comparative Chordate Anatomy	
BIOL 322	Developmental Biology	
& <u>BIOL 323</u>	and Lab for Developmental Biology	
<u>BIOL 331</u>	Invertebrate Zoology	
BIOL 332	Insect Biology	
BIOL 334	Vertebrate Paleontology	
BIOL 336	Invertebrate Paleontology	
<u>BIOL 344</u>	Plant Diversity and Evolution	
BIOL 345	Plant Ecology	
BIOL 350	Freshwater Ecosystems	
BIOL 355	Ecological Engineering and Ecosystem Restoration	
<u>BIOL 379</u>	RS: Ecological Sustainability <u>(Mason Core)</u>	
BIOL 385	Biotechnology and Genetic Engineering	
& <u>BIOL 486</u>	and Molecular Biology and Biotechnology Laboratory	
BIOL 405	Microbial Genetics	
BIOL 407	Microbial Diversity	
<u>BIOL 430</u>	Advanced Human Anatomy and Physiology I	
<u>BIOL 431</u>	Advanced Human Anatomy and Physiology II	
BIOL 437	Orinthology	
<u>BIOL 438</u>	Mammalogy	
<u>BIOL 439</u>	Herpetology	
BIOL 452	Immunology	
& <u>BIOL 453</u>	and Immunology Laboratory	
<u>BIOL 454</u>	Marine Mammal Biology and Conservation	
& <u>BIOL 455</u>	and Marine Mammal Biology and Conservation Field Course	
<u>BIOL 465</u>	Histology	

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<u>BIOL 468</u>	Vertebrate Natural History	
<u>BIOL 472</u>	Introductory Animal Behavior	
& <u>BIOL 473</u>	and Introductory Laboratory in Animal Behavior	
<u>BIOL 484</u>	Cell Signaling and Disease	
& <u>BIOL 485</u>	and Cell Signaling Laboratory	
<u>BIOL 509</u>	DNA Analysis of Biological Evidence	
& <u>BIOL 510</u>	and Forensic DNA Analysis Laboratory	
<u>BIOL 543</u>	Tropical Ecosystems	
Additional Science Cour	ses	
Select one from the foll	owing options: 1	3-8
Option A:		
<u>CHEM 314</u>	Organic Chemistry II	
<u>CHEM 318</u>	Organic Chemistry Lab II	
Option B:		
One 3 credit chemistry	course at the 300 or 400-level 2	
Option C:		
<u>GEOL 101</u>	Introductory Geology I <u>(Mason Core)</u>	
<u>GEOL 102</u>	Historical Geology <u>(Mason Core)</u>	
& <u>GEOL 104</u>	and Historical Geology Laboratory <u>(Mason Core)</u>	
Total Credits		26-33

1Students are encouraged to consult with a biology advisor to determine which option (A, B, or C) best meets their career goals.

2 CHEM 314 Organic Chemistry II does not fulfill this requirement.

Concentration in Biopsychology (BP)

The biopsychology concentration consists of a selection of courses designed to address the needs and interest of students who wish to study biology in more depth while simultaneously exploring psychology and neurobiology. This concentration will help prepare students for the MCAT section related to psychology and provide veterinary students with a background in animal learning/behavior.

Biopsychology Courses

<u>BIOL 430</u>	Advanced Human Anatomy and Physiology I	4
<u>BIOL 431</u>	Advanced Human Anatomy and Physiology II	4
<u>PSYC 372</u>	Biopsychology	3
<u>PSYC 373</u>	Biopsychology Laboratory	2
Additional Psychology/N	Neuroscience Course	
Select 3-4 credits from t	he following:	3-4
<u>PSYC 304</u>	Principles of Learning	
<u>PSYC 376</u>	Brain and Behavior	
<u>PSYC 406</u>	Psychology of Communication (Mason Core)	
<u>NEUR 327</u>	Cellular, Neurophysiological, and Pharmacological Neuroscience	

Molecular, Developmental, and Systems Neuroscience	
Durses	
m the following:	-
Biology of Microorganisms	
Biology of Microorganisms Laboratory	
Introduction to Research Design and Analysis	
Developmental Biology	
Lab for Developmental Biology	
Orinthology	
Mammalogy	
Introductory Animal Behavior	
Introductory Laboratory in Animal Behavior	
General Biochemistry	
Additional Chemistry Courses	
ollowing options: 1	
	murses m the following: Biology of Microorganisms Biology of Microorganisms Laboratory Introduction to Research Design and Analysis Developmental Biology Lab for Developmental Biology Orinthology Mammalogy Introductory Animal Behavior Introductory Laboratory in Animal Behavior General Biochemistry Courses

CHEM 314 Organic Chemistry II

& CHEM 318 and Organic Chemistry Lab II

Option B:

One chemistry course at the 300 or 400-level 2

Total Credits

26-30

3-5

7-8

1Students are encouraged to consult with a biology faculty advisor to determine which option best meets their career goals.

2<u>CHEM 314</u> Organic Chemistry II alone does not fulfill this requirement.

Concentration in Biotechnology and Molecular Biology (BTMB)

The biotechnology and molecular biology concentration consists of a selection of courses that provide essential skills to students who seek employment in the field or wish to include an applied component in their undergraduate training in biology.

Biotechnology Courses

<u>BIOL 305</u>	Biology of Microorganisms	3
<u>BIOL 306</u>	Biology of Microorganisms Laboratory	1
<u>BIOL 385</u>	Biotechnology and Genetic Engineering	3
<u>BIOL 483</u>	General Biochemistry	4
Additional Biology Co	urses	
Select 12 credits from	the following, at least one of the courses must include a laboratory:	12
Laboratory Course	s:	
BIOL 402	Applied and Industrial Microbiology	
& <u>BIOL 403</u>	and Techniques in Applied and Industrial Microbiology	
BIOL 405	Microbial Genetics	

<u>BIOL 452</u>	Immunology	
& <u>BIOL 453</u>	and Immunology Laboratory	
<u>BIOL 465</u>	Histology	
<u>BIOL 486</u>	Molecular Biology and Biotechnology Laboratory	
Non-laboratory Cours	jes:	
<u>BIOL 314</u>	Introduction to Research Design and Analysis	
<u>BIOL 382</u>	Introduction to Virology	
<u>BIOL 401</u>	Phage Discovery	
<u>BIOL 411</u>	Advanced General Genetics	
<u>BIOL 412</u>	Phage Genomics	
<u>BIOL 417</u>	Selected Topics in Molecular and Cellular Biology 1	
<u>BIOL 418</u>	Current Topics in Microbiology 1	
<u>BIOL 420</u>	Vaccines	
<u>BIOL 421</u>	Genetics of Human Diseases	
BIOL 422	Stem Cell Biology and Regenerative Medicine	
BIOL 482	Introduction to Molecular Genetics	
<u>BIOL 484</u>	Cell Signaling and Disease	
<u>BIOL 497</u>	Special Problems in Biology 1	
Additional Chemistry Co	urses	
<u>CHEM 314</u>	Organic Chemistry II	3
<u>CHEM 318</u>	Organic Chemistry Lab II	2
Total Credits		28

1Registration for <u>BIOL 417</u> Selected Topics in Molecular and Cellular Biology, <u>BIOL 418</u> Current Topics in Microbiology, or <u>BIOL 497</u> Special Problems in Biology is subject to approval by the Director of Undergraduate Studies and the Chair of the Department of Biology.

Concentration in Environmental and Conservation Biology (ESCB)

This concentration is offered to students seeking a biology degree that focuses on ecology and organismal biology and prepares them for graduate work or employment in environmental and conservation fields, such as natural resources management, fisheries, forestry, water quality management, aquatic and wetland ecology, and conservation biology. The concentration is staffed and supported by the <u>Department of Environmental Science and</u> <u>Policy</u>.

Environmental and Conservation Biology

<u>BIOL 318</u>	Conservation Biology	3
BIOL 377	Applied Ecology	3
Biology Electives		
Select 17 credits from the	following: 1	17
<u>BIOL 309</u>	Oceanography	
<u>BIOL 314</u>	Introduction to Research Design and Analysis	
BIOL 326	Animal Physiology	

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<u>BIOL 331</u>	Invertebrate Zoology	
BIOL 332	Insect Biology	
<u>BIOL 344</u>	Plant Diversity and Evolution	
BIOL 345	Plant Ecology	
<u>BIOL 350</u>	Freshwater Ecosystems	
<u>BIOL 355</u>	Ecological Engineering and Ecosystem Restoration	
<u>BIOL 378</u>	Applied Ecology Laboratory	
<u>BIOL 379</u>	RS: Ecological Sustainability <u>(Mason Core)</u>	
BIOL 437	Orinthology	
<u>BIOL 438</u>	Mammalogy	
<u>BIOL 439</u>	Herpetology	
<u>BIOL 440</u>	Field Biology	
BIOL 446	Ecological and Evolutionary Physiology	
<u>BIOL 449</u>	Marine Ecology	
<u>BIOL 450</u>	Marine Conservation	
<u>BIOL 454</u>	Marine Mammal Biology and Conservation	
<u>BIOL 455</u>	Marine Mammal Biology and Conservation Field Course	
<u>BIOL 457</u>	Reproductive Strategies	
<u>BIOL 459</u>	Fungi and Ecosystems	
<u>BIOL 468</u>	Vertebrate Natural History	
<u>BIOL 472</u>	Introductory Animal Behavior	
& <u>BIOL 473</u>	and Introductory Laboratory in Animal Behavior	
<u>BIOL 480</u>	The Diversity of Fishes	
<u>BIOL 497</u>	Special Problems in Biology 4	
Additional Science Course	S	
Select one from the follow	ving options: 2	3-8
Option A:		
<u>CHEM 314</u>	Organic Chemistry II	
& <u>CHEM 318</u>	and Organic Chemistry Lab II	
Option B:		
One chemistry course a	at the 300 or 400-level 3	
Option C:		
<u>GEOL 101</u>	Introductory Geology I <u>(Mason Core)</u>	
& <u>GEOL 102</u>	and Historical Geology <u>(Mason Core)</u>	
& <u>GEOL 104</u>	and Historical Geology Laboratory <u>(Mason Core)</u>	
Total Credits		26-31
	ust be selected from the list above and must have either: 2 laboratory courses o	r 1
-	field course (consult with an advisor for guidance).	
2Students are encouraged	to consult with a biology faculty advisor to determine which option best meets	their

career goals.

3<u>CHEM 314</u> Organic Chemistry II alone does not fulfill this requirement.

4Registration in <u>BIOL 497</u> Special Problems in Biology is subject to approval by the Director of Undergraduate Studies and the Chairman of the Department of Biology.

Concentration in Microbiology (MIB)

This concentration offers lecture and laboratory courses in microbiology to prepare students for employment or advanced study in microbial genetics, physiology, diversity, and related fields.

Microbiology Courses

BIOL 305	Biology of Microorganisms	3
BIOL 306	Biology of Microorganisms Laboratory	1
<u>BIOL 405</u>	Microbial Genetics	4
<u>BIOL 407</u>	Microbial Diversity	4
Biology Electives		
Select 11 credits from	n the following:	11
<u>BIOL 314</u>	Introduction to Research Design and Analysis	
BIOL 382	Introduction to Virology	
<u>BIOL 385</u>	Biotechnology and Genetic Engineering	
<u>BIOL 401</u>	Phage Discovery	
BIOL 402	Applied and Industrial Microbiology	
BIOL 403	Techniques in Applied and Industrial Microbiology	
<u>BIOL 404</u>	Medical Microbiology	
BIOL 412	Phage Genomics	
BIOL 418	Current Topics in Microbiology	
<u>BIOL 420</u>	Vaccines	
BIOL 452	Immunology	
BIOL 453	Immunology Laboratory	
<u>BIOL 459</u>	Fungi and Ecosystems	
<u>BIOL 483</u>	General Biochemistry	
Additional Chemistry	/ Courses	
<u>CHEM 314</u>	Organic Chemistry II	3
<u>CHEM 318</u>	Organic Chemistry Lab II	2
Total Credits		28

Retroactive Requirements Updates:

Plan of Study:

Honors Information:

Honors in the Major

Admissions

Minimum requirements for invitation:

- GPA in biology courses must be 3.33 or better
- GPA in supporting requirements (math and other science) must be 3.00 or better
- Grade of 'B' or better in BIOL 213 Cell Structure and Function (Mason Core)

Students should apply for admission to the Honors Program during their first or second year at the university. Contact the <u>Department of Biology</u> for information on applying.

Retention Requirements

Students in honors biology must maintain a biology GPA of 3.33 or better and a supporting GPA of 3.00 or better from the time they have accumulated 30 hours and thereafter. Students who fall below this standard will be given a one semester probationary period in which to bring their GPA back up to the minimum standard.

Requirements to Graduate with Biology Honors

Students are required to take 6 to 8 credits in honors courses in BIOL including three semesters of <u>BIOL 494</u> Honors Seminar in Biology or two semesters of <u>BIOL 494</u> Honors Seminar in Biology and one semester of <u>BIOL 493</u> Honors Research in Biology. <u>BIOL 498</u> Research Seminar may count towards one of the semester requirements of <u>BIOL 494</u> Honors Seminar in Biology. The GPA requirements are as follows:

- Minimum 3.33 GPA in honors biology courses
- Minimum 3.33 GPA in biology requirements
- Minimum 3.00 GPA in supporting requirements
- Minimum 3.00 GPA overall

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

0/2021			
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 re	moving a licensure component?		
	No		
Please explain:			

Additional SCHEV & SACSCOC Information

Are you changing the total number of credits required for this program?

No

Are you changing the delivery format in any way (e.g adding an online option)?

No

Are you adding/removing a licensure option which was approved by SCHEV?

No

Will any portion of this program be offered at an off-campus location?

No

What off-campus location(s)? List all

What percentage of credits toward this program are offered at the off-campus location(s)? Please list percentages by site (i.e. 15% at Site A, 35% at Site B etc.)

Will this program change affect any specialized accreditation?

No

Is the content of the new program closely related to that of an existing approved program?

No

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, 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)?

Does this change represent a repackaging of content in an existing approved degree/certificate program?

No

Which existing approved program(s)?

Percentage of total credits containing new course content, excluding gen ed courses for undergraduate program: ("New content" means content that is not currently included in an existing approved degree/certificate program.) Please choose a percentage (i.e. 0%-100%)

less than 25%

Are the total credits for the program increasing or decreasing by more than 3 credits?

No

Will any additional equipment/facilites be needed?

No

Description of institutional impact:

Will any additional faculty be required?

No

Description of institutional impact: https://workingcatalog.gmu.edu/courseleaf/approve/?role=SC Curriculum Committee

Will any additional financial resources be needed?

No

Description of institutional impact:

Will any 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 No program?

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 Evicting Courses List sustainabilityfocused courses currently required in the degree Sustainability-related academic programs either require at least one sustainability-related

List sustainabilityrelated courses currently required in the degree

Does this program cover material which crosses into another department?

No

2/8/2021

Impacted

. Donartmonts

Additional

Attachments

SCHEV Proposal

Executive Summary

Reviewer Comments

Additional Comments

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

%wi_required.eschtml%

Attached

Key: 17