

## Cover Sheet: Request 15540

### MCY 8 semester plan modification - error correction

#### Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Monika Oli molli@ufl.edu
Created	12/2/2020 11:18:10 AM
Updated	3/23/2021 10:01:38 PM
Description of request	MCY 8 semester plan modification - error correction

#### Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CALS - Microbiology and Cell Science 60100000	Eric Triplett		12/2/2020
No document changes					
College	Approved	CALS - College of Agricultural and Life Sciences	Joel H Brendemuhl	Approved by Associate Dean in CALS.	3/11/2021
MCY 8-semester changes including Quest 2_JHB.docx					3/11/2021
Associate Provost for Undergraduate Affairs	Approved	PV - Associate Provost for Undergraduate Affairs	Casey Griffith		3/23/2021
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			3/23/2021
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

# Major|Modify\_Curriculum for request 15540

## Info

**Request:** MCY 8 semester plan modification - error correction

**Description of request:** MCY 8 semester plan modification - error correction

**Submitter:** Joel H Brendemuhl brendj@ufl.edu

**Created:** 3/11/2021 10:53:37 AM

**Form version:** 4

## Responses

### Major Name

*Enter the name of the major. Example: "Mathematical Modeling"*

Response:

Microbiology and Cell Science

### Major Code

*Enter the two-letter or three-letter major code.*

Response:

MCY

### Degree Program Name

*Enter the name of the degree program in which the major is offered.*

Response:

Bachelor of Science

### Undergraduate Innovation Academy Program

*Is this an undergraduate program in the Innovation Academy?*

Response:

No

### Effective Term

*Enter the term (semester and year) that the curriculum change would be effective.*

Response:

Earliest Available

### Effective Year

Response:

Earliest Available

### **Current Curriculum for Major**

Response:

[https://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/MCY\\_BS/#modelsemesterplantext](https://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/MCY_BS/#modelsemesterplantext)

### **Proposed Curriculum Changes**

*Describe the proposed changes to the curriculum. If the change is to offer the program through UF Online, please explain and attach a letter of support from the Director of UF Online.*

Response:

Changes to the 8-semester plan:

1. Correcting error: the catalog requirements indicate that a cell biology course is required but the 8-semester plan does not, this has been corrected in the current 8-semester plan (semester 5)
2. Correcting error: there was a request for 7 CR departmental elective when only 6 CR are required
3. There was no course listed to meet State Core Gen Ed Social and Behavioral Sciences - This has been identified
4. Quest 2 included
5. Other adjustments to ensure that total CR are correct

### **UF Online Curriculum Change**

*Will this curriculum change be applied to a UF online program as well?*

Response:

No

### **Pedagogical Rationale/Justification**

*Describe the rationale for the proposed changes to the curriculum.*

Response:

Other changes to fix errors and to correct audit

### **Impact on Enrollment, Retention, Graduation**

*Describe any potential impact of the curriculum changes on students who are currently in the major.*

Response:

NA

### **Assessment Data Review**

*Describe the Student Learning Outcome and/or program goal data that was reviewed to support the proposed changes.*

Response:

NA

### **Academic Learning Compact and Academic Assessment Plan**

*Describe the modifications to the Academic Learning Compact (for undergraduate programs) and Academic Assessment Plan that result from the proposed change.*

Response:  
NA

**Catalog Copy**

*Submitter agrees to prepare and upload document showing the catalog copy with the current and proposed curricula edited using the "track changes" feature in Word.*

Response:  
Yes

SEMESTER ONE		CREDITS
<a href="#">CHM 2045</a> & <a href="#">2045L</a>	General Chemistry 1 and General Chemistry 1 Laboratory ( <b>Critical Tracking</b> ; State Core Gen Ed Physical Sciences)	4
<a href="#">MAC 2311</a>	Analytic Geometry and Calculus 1 ( <b>Critical Tracking</b> ; State Core Gen Ed Mathematics)	4
Quest 1 (Gen Ed Humanities)		3
<a href="#">State Core Gen Ed Composition</a> <sup>1</sup>		3
<b>Credits</b>		<b>14</b>
SEMESTER TWO		
<a href="#">BSC 2010</a> & <a href="#">2010L</a>	Integrated Principles of Biology 1 and Integrated Principles of Biology Laboratory 1 ( <b>Critical Tracking</b> ; Gen Ed Biological and Physical Sciences)	4
<a href="#">CHM 2046</a> & <a href="#">2046L</a>	General Chemistry 2 and General Chemistry 2 Laboratory ( <b>Critical Tracking</b> ; Gen Ed Physical Sciences)	4
<a href="#">BSC 2891</a>	Python Programming for Biology (or similar quantitative elective)	3
Gen Ed Composition		3
<b>Credits</b>		<b>14</b>
SEMESTER THREE		
<a href="#">BSC 2011</a> & <a href="#">2011L</a>	Integrated Principles of Biology 2 and Integrated Principles of Biology Laboratory 2 ( <b>Critical Tracking</b> ; Gen Ed Biological Sciences)	4
<a href="#">CHM 2210</a>	Organic Chemistry 1 ( <b>Critical Tracking</b> )	3
<a href="#">Quest 2 (<del>State Core Gen Ed Social and Behavioral Sciences</del> (Gen Ed Social and Behavioral Sciences) (potentially with Gen Ed International or Gen Ed Diversity) <del>Gen Ed Social and Behavioral Sciences</del></a>		3
Foreign language		3

Departmental elective		3
<b>Credits</b>		<b>16</b>
<b>SEMESTER FOUR</b>		
<a href="#"><u>CHM 2211</u></a> & <a href="#"><u>2211L</u></a>	Organic Chemistry 2 and Organic Chemistry Laboratory	5
<a href="#"><u>MCB 3023</u></a> & <a href="#"><u>3023L</u></a>	Principles of Microbiology and Principles of Microbiology Laboratory ( <b>Critical Tracking</b> )	5
<a href="#"><u>State Core Gen Ed Humanities</u></a>		3
Foreign language		4
<b>Credits</b>		<b>17</b>
<b>SEMESTER FIVE</b>		
<a href="#"><u>BCH 4024</u></a> or <a href="#"><u>CHM 3218</u></a>	<a href="#"><u>Introduction to Biochemistry and Molecular Biology</u></a> or <a href="#"><u>Organic Chemistry/Biochemistry 2</u></a>	4
<a href="#"><u>MCB 4203</u></a> or <a href="#"><u>PCB 4233</u></a>	Bacterial Pathogens ( <del>Critical Tracking</del> ) <sup>3</sup> or Immunology ( <a href="#"><u>Critical Tracking</u></a> ) <sup>2</sup>	3
<a href="#"><u>MCB 4403</u></a> or <a href="#"><u>PCB 3134</u></a>	<a href="#"><u>Prokaryotic Cell Structure and Function</u></a> or <a href="#"><u>Eukaryotic Cell Structure and Function (Critical Tracking)</u></a>	<u>3</u>
<a href="#"><u>Gen Ed Humanities</u></a>		<u>3</u>
<a href="#"><u>Electives (3000 level or higher; not in major)</u></a>		<u>3</u>
<a href="#"><u>Gen Ed Social and Behavioral Sciences</u></a>		
Foreign Language		4
<b>Credits</b>		<b><u>16</u></b>
<b>SEMESTER SIX</b>		
<a href="#"><u>MCB 4304</u></a> or <a href="#"><u>PCB 4522</u></a>	Genetics of Microorganisms ( <del>Critical Tracking</del> ) <sup>3</sup> or Molecular Genetics ( <a href="#"><u>Critical Tracking</u></a> ) <sup>1</sup>	3

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<a href="#">MCB 4034L</a>	Advanced Microbiology Laboratory ( <b>Critical Tracking</b> )	1
<a href="#">BCH 4024</a> or <a href="#">CHM 3218</a>	<a href="#">Introduction to Biochemistry and Molecular Biology</a> or <a href="#">Organic Chemistry/Biochemistry 2</a>	<a href="#">4</a>
<a href="#">Gen Ed Humanities</a>		<a href="#">3</a>
Gen Ed Mathematics		3
Foreign Language		5
<b>Credits</b>		<b><del>16</del>5</b>
<b>SEMESTER SEVEN</b>		
Select one:		4-5
<a href="#">PHY 2048</a> & <a href="#">2048L</a>	Physics with Calculus 1 and Laboratory for Physics with Calculus 1	
<a href="#">PHY 2053</a> & <a href="#">2053L</a>	Physics 1 and Laboratory for Physics 1	
Electives (3000 level or higher; not in major)		<a href="#">46</a>
<a href="#">State Core</a> <a href="#">Gen Ed Social and Behavioral Sciences</a>		<a href="#">3</a>
Electives		<a href="#">36</a>
<b>Credits</b>		<b><del>16-17</del>14- 15</b>
<b>SEMESTER EIGHT</b>		
Select one:		4-5
<a href="#">PHY 2049</a> & <a href="#">2049L</a>	Physics with Calculus 2 and Laboratory for Physics with Calculus 2	
<a href="#">PHY 2054</a> & <a href="#">2054L</a>	Physics 2 and Laboratory for Physics 2	
Department electives		<a href="#">34</a>
Electives		6

Credits	<del>14-15</del> 13-14
Total Credits	120

Plan of Study Grid

- <sup>1</sup> [ENC 1101](#) recommended.
- <sup>2</sup> [MCB 4203](#) is taught only in fall; [PCB 4233](#) is taught only in spring.
- <sup>3</sup> [MCB 4304](#) is taught only in fall; [PCB 4522](#) is taught only in spring.