

# BIOL - 660 - Microbial Physiology

2 Graduate Course Change 2021-22

## I. General Information

The faculty member originating this proposal is to complete sections I, II, and III.

TURN ON help text before starting this proposal by clicking  in the top right corner of the heading.

You will need to turn on help text again after any actions that refresh the page including after saving proposals, importing information, or running impact reports.

IMPORT curriculum data from the Catalog by clicking  in the top left corner.

**Do not make any changes to any information until the proposal has been launched in Step 4.**

Department\*

School of Life Sciences

Prefix\*

BIOL

Number\* 660

Long Course Name\* Microbial Physiology

FILL IN ONLY fields required marked with an \* after importing data. You will not be able to launch the proposal without completing required fields. Do not make proposed changes to the information that was imported until after the proposal has been launched in Step 4. Changes will only be tracked after the proposal is launched

Short Course Name  
(leave blank if not  
changing course  
name)

Catalog Description\*

Exploration of the major aspects of microbial physiology, including structure and growth of bacteria, generation of ATP and intermediary metabolism, synthesis of macromolecules and cellular components, and coordination of intracellular activities. Crosslisted with BIOL 460.

Is this course a culminating experience?  Yes  No

If Yes, to which programs?

#### Tips for Catalog Description (above)

avoid the use of the words *student*, *course*, and *covers*

incomplete sentences are ok

avoid repeating the course title

(50 words max)

#### Summary of Proposed Changes\*


- Prefix
- Course #
- Name
- Description
- Credits/Grading
- PreReqs/CoReqs
- Instructional Mode
- Other

Effective Term and Year\*

Spring 2021

#### Justification and Description of Course Change:\*

Prerequisites of 460/660 do not reflect the level of chemistry required for the class. All UNLV Biology majors take CHEM 241 and 474 so that changing the requirement to include a pre-req of CHEM 474 Biochemistry will promote better preparation of students on advanced chemistry topics. This change is being addressed for the undergraduate version, BIOL 460, as well as this graduate class (660). Graduate students from outside of the system can get consent from instructor.

Run an Impact Report by clicking  in the top left corner and answer below according to the results. Copy and paste the results below:

**Degree and/or certificate program(s) impacted by this change (Results of Impact Report)\***

# Impact Report for BIOL 660

Source: 2020-2021 Graduate Catalog	
Programs	Doctor of Philosophy - Biological Sciences
	Master of Science - Biological Sciences

**Substantive changes will necessitate a Program Change form be submitted.**

**Detail the changes to the program catalog entry required due to this change.\***

None

**CROSS-LISTING / Same As, will this course be:\***

- Same As=Undergraduate: same content and same career (UG/UG). Graduate: Same/similar course content and same career (Grad/Grad)
- Cross-listing= Cross-listed courses contain the same or similar content and may be in different programs (eg., WMST 497 & SOC 497) or different careers (e.g., BIOL 467 & BIOL 667 or PSC 722 & PHIL 728)
- Not Cross-Listed or Same As

**It yes, list the course**

BIOL 460

**Are you adding a Service-Learning designation to this course?\***

- Yes  No

**If the Service-Learning designation is being added to this course:**

A syllabus in Word or PDF format must accompany this form.

Graduate syllabi must meet the minimum criteria as required by the Provost's office (See Semester Memo under Executive Vice President and Provost Policies and Forms [www.unlv.edu/policies](http://www.unlv.edu/policies)). Graduate courses that are linked to undergraduate courses (300/500 and 400/600 level joint courses) must clearly state in the syllabus how the class experience and expectations are different for graduate students, what additional requirements students enrolled in the graduate level course must fulfill, and how the grading scale will be applied to graduate students.

Please attach a current syllabus by navigating to the Proposal Toolbox and clicking  in the top right corner.

Information about Service-Learning is available [here](#). Faculty can visit the [faculty Service-Learning page](#) as well as the [UNLV Guide for Service Learning](#) for additional information.

If adding Service-Learning designation, syllabus is attached  Attached

## II. Course Change Information

Please review all sections below and make necessary changes after you launch the proposal.

### Credit change

Fixed/Variable Credits  Fixed  Variable

If fixed, enter number of credits. If variable, enter minimum and maximum credits (E.g., 1-3)

Number of Credits

Course is Repeatable  Yes  No

If yes, the maximum number of credits that may be earned is

### Grading Change

Grading System  Letter Grade  
 S/U  
 Thesis/Dissertation

Does this course have any non-credit components?  Yes  No

If yes, indicate component(s)

- Clinical
- Discussion
- Field Studies
- Independent Study
- Internship
- Laboratory
- Lecture
- Practicum
- Research
- Seminar
- Supervision
- Thesis Research

### Requisite Change

(if any) - Graduate standing is the default prerequisite for all graduate-level courses.

#### Prerequisites

CHEM 474 or consent of instructor

#### Corequisites

#### Instructional Modes

- In Person Supplemental Web
- Field Study
- Hybrid
- Independent Study
- Television
- Web-based
- Web-based w/ on/off campus meeting

Notes Displayed - notes in this field are imported from the current version of the course displayed on the working catalog

### III. Evaluation of Library Resources

Indicate library resources that will be needed as a result of changes to this course (if applicable)

Will this course change require changes to library resources?\*

Yes  No


Core Journals


Core Books

Electronic Resources

4. LAUNCH proposal by clicking  in the top left corner.

5. After launching the proposal, make all changes and fill in all additional fields.

6. Finish the launch of your proposal by clicking the icon  located in the Proposal Toolbox on left side at top. Make your decision, comment is optional, and click on "Make decision".

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

**\*This section is completed by the librarian\***

Level of support the Library can provide

Library Comments


## IV. Department Vote Information

Note: This section is to be filled out by the Department Chair on behalf of the committee.

(The role has been assigned to the corresponding person on this step. If incorrect, please notify GradCurriculum@unlv.edu)

1. Review the proposal. Discuss and make appropriate revisions.

2. Fill in vote information.

3. Then go to the proposal toolbox at the top right side. Click on  and select the corresponding decision for the committee. This will enable the proposal to go to the next person on the workflow.

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

**Date faculty voted on proposal** 10/16/2020


**Result of vote (Number of yes/no/abstention votes)** 23+Y, 0 N, 0 ABs

**Manner of vote (online, in-person, etc.)** In person via Webex

## V. Unit Vote Information

**Note:** This section is to be filled out by the College Committee Chair on behalf of the committee.

(The role has been assigned to the corresponding person on this step. If incorrect, please notify GradCurriculum@unlv.edu)

1. Review the proposal. Discuss and make appropriate revisions.
2. Fill in vote information.
3. Then go to the proposal toolbox at the top right side. Click on  and select the corresponding decision for the committee. This will enable the proposal to go to the next person on the workflow.

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

**Date faculty voted on proposal** 11/3/20

**Result of vote (Number of yes/no/abstention votes)** 5-0

**Manner of vote (online, in-person, etc.)** online

## VII. Processing Notes (Graduate College/Registrar Use Only)

**PS Processing Notes**

**PS Processing Date**

**Initials**

**Aalog Processing  
Notes**

**Aalog Processing  
Date**

**Initials**



## Comments for BIOL - 660 - Microbial Physiology

<b>Curriculog</b>	11/30/2020 8:26 am <a href="#">Reply</a>
James Navalta has approved this proposal on behalf of Graduate Course Review Committee. See <a href="/agenda:170/form">/agenda:170/form</a> >Graduate Course Review Committee 11-18-2020</a> for more information.	
<b>Curriculog</b>	11/19/2020 9:35 am <a href="#">Reply</a>
Graduate Curriculum has approved this proposal on Graduate Course Review Committee.	
<b>Graduate Curriculum</b>	11/18/2020 12:09 pm <a href="#">Reply</a>
Description adjusted to reflect crosslisting and not using the term course.	
<b>Andrew Andres</b>	11/4/2020 3:02 pm <a href="#">Reply</a>
Approved at COS Curriculum Committee meeting from 11/3/20 by a vote of 5 yes, 0 no, 0 abstentions.	
<b>Curriculog</b>	11/4/2020 3:02 pm <a href="#">Reply</a>
Andrew Andres has approved this proposal on School/College Associate Dean/ Dean.	
<b>Curriculog</b>	10/29/2020 1:29 pm <a href="#">Reply</a>
Rohan Dalpatadu has approved this proposal on School/College Committee.	
<b>Curriculog</b>	10/27/2020 5:28 pm <a href="#">Reply</a>
Life Sciences Chair has approved this proposal on Department Chair.	
<b>Life Sciences Graduate Coordinator</b>	10/27/2020 5:21 pm <a href="#">Reply</a>
This is a straightforward change. Looks good to me.	
<b>Curriculog</b>	10/27/2020 5:21 pm <a href="#">Reply</a>
Life Sciences Graduate Coordinator has approved this proposal on Graduate Coordinator.	
<b>Curriculog</b>	10/27/2020 9:05 am <a href="#">Reply</a>
Graduate Curriculum has force approved this proposal.	

**Curriculog**10/27/2020 9:05 am [Reply](#)

Graduate Curriculum has approved this proposal on Technical Review.

**Daniel Thompson**10/26/2020 1:49 pm [Reply](#)

I have addressed the cross-listing with undergrad class and listing of "consent by instructor" that was referenced in technical review. Thanks

**Curriculog**10/26/2020 1:49 pm [Reply](#)

Daniel Thompson has approved this proposal on Originator.

**Graduate Curriculum**10/21/2020 4:16 pm [Reply](#)

Moving back to originator by request of originator

**Curriculog**10/21/2020 4:16 pm [Reply](#)

Graduate Curriculum has force rejected this proposal.

**Curriculog**10/21/2020 12:02 pm [Reply](#)

Daniel Thompson has approved this proposal on Originator.

**Curriculog**10/7/2020 9:23 am [Reply](#)

Graduate Curriculum has force rejected this proposal.

**Graduate Curriculum**10/7/2020 9:22 am [Reply](#)

- Please revise crosslisting component to indicate which course is combined/crosslisted with this course.

- Please also add note about crosslisting on description of change.

- Please note that an UNLV Ugrad pre-requisite can be limiting to external applicants, so maybe add "or consent of instructor" to pre requisites to enhance flexibility on pre-req.

For help and assistance please contact gradcurriculum@unlv.edu

**Curriculog**10/7/2020 9:22 am [Reply](#)

Graduate Curriculum has rejected this proposal on Technical Review.

**Curriculog**10/5/2020 4:23 pm [Reply](#)

Daniel Thompson has approved this proposal on Originator.

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**Curriculog**10/5/2020 2:54 pm [Reply](#)

Daniel Thompson has launched this proposal.

**Curriculog**10/5/2020 2:37 pm [Reply](#)

Daniel Thompson imported from the map 2021-2022 Working Graduate Catalog into the following proposal fields: I.General Information: Department, I.General Information: Prefix, I.General Information: Number, I.General Information: Long Course Name, II. Course Change Information: Prerequisites.