

# BIOL - 681 - Advanced Cell Biology

2 Graduate Course Create 2021-22

## I. Course Information

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

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.

FILL IN ONLY fields required marked with an \*. You will not be able to launch the proposal without completing the required fields.

Department\*

School of Life Sciences

Prefix:\*

BIOL

Number:\* 681

Is a new Prefix being suggested?  Yes  No

Suggested Prefix

Long Course Name:\* Advanced Cell Biology

Short Course Name\* Advanced Cell Biology

Tip: 25 characters max. for short name (abbreviations are acceptable if needed)

### Tips

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

incomplete sentences are ok

avoid repeating the course title

(50 words max)

**Catalog Description\***

Advanced topics in cell and molecular biology, including membrane structure and function, cytoskeleton, signal transduction, and current research methods. Crosslisted with BIOL 481.

**Is this course a culminating experience?\***  Yes  No

**If Yes, to which programs?**

**First Term Course Offered\***

**Explanation for Course Create\*** This graduate course is being created so that it can be offered in conjunction with the corresponding undergraduate BIOL 481 course in Spring 2021 and subsequent years. Currently, there is no graduate-level cell biology course offered in Life Sciences.

**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. Catalog Information**

Will this be an experimental (x) course? \*  Yes  No

Has this course number been used previously as an Experimental (X) course?  Yes  No

If yes, X-Course Prefix

X-Course Code

Program(s) impacted by this new course \* N/A

Tip (note): A Program Change form will need to be submitted to add the new course into a program.

Detail the changes to the program catalog entry required due to the creation of this course. \* N/A

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 3

Course is Repeatable \*  Yes  No

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

Grading System \*  Letter Grade  S/U  Thesis/Dissertation

Is this a Special Topics course? \*  Yes  No

Sub-topic(s)

Are topics repeatable?  Yes  No

**If yes, number of credits**

**Prerequisites**

N/A

**Corequisites**

N/A

**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

**Will this course be listed as the 'same as' another course?\***  Yes  No

**If yes, list the course**

BIOL 481

**Indicate the instructional modes that should be available for scheduling\***

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

### III. Evaluation of Library Resources

A. This section is completed by the faculty member originating this proposal—indicate library resources that will be needed to support this course

Will this course creation require changes to library resources?  Yes  No

Please indicate library resources that will be needed to support students taking this course\*  Core journals  Core books (not required texts)  Electronic resources (e.g., databases, videos, media, etc.)

Critically needed journals for this subject area: Science, Nature, Cell, Journal of Cell Biology, Trends in Cell Biology, Cell Stem Cell

Core books needed:

Electronic Resources: online journal access, Mendeley or Refworks

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

4. 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.

B. This section is completed by the librarian.

Level of support the Library can provide

Library Comments

### IV. Syllabus

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.

## Attachments List


Please attach any required files by navigating to the Proposal Toolbox and clicking  in the top right corner.

Attached syllabus\*  Attached

## V. 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) Unanimous; Yes 23+, No 0; Abs 0

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

## VI. 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

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

**PS Processing Notes**

**PS Processing Date**

**Initials**

**Aalog Processing Notes**

**Aalog Processing Date**

**Initials**

## Comments for BIOL - 681 - Advanced Cell Biology

<b>Curriculog</b>	11/30/2020 8:27 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 9:37 am <a href="#">Reply</a>
Graduate Curriculum has approved this proposal on Graduate Course Review Committee.	
<b>Graduate Curriculum</b>	11/18/2020 12:11 pm <a href="#">Reply</a>
Description adjusted to reflect crosslisting and not using the term course.	
<b>Andrew Andres</b>	11/4/2020 3:03 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 3:03 pm <a href="#">Reply</a>
Andrew Andres has approved this proposal on School/College Associate Dean for Graduate Studies/ Dean.	
<b>Curriculog</b>	11/3/2020 3:50 pm <a href="#">Reply</a>
Rohan Dalpatadu has approved this proposal on School/College Committee.	
<b>Curriculog</b>	10/26/2020 6:08 pm <a href="#">Reply</a>
Life Sciences Chair has approved this proposal on Department Chair.	
<b>Life Sciences Graduate Coordinator</b>	10/17/2020 6:52 pm <a href="#">Reply</a>
After a faculty meeting discussion on 10/16/2020 the syllabus was updated by Dr. Tseng to indicate the number of lecture exams associated with this course (three). The updated syllabus was provided to Dr. Wing on 10/17/2020. It uploaded during Dr. Wing's review of this graduate course. I approve with these clarifications.	
<b>Curriculog</b>	10/17/2020 6:52 pm <a href="#">Reply</a>
Life Sciences Graduate Coordinator has approved this proposal on Graduate Coordinator.	



**Curriculog**10/2/2020 3:21 pm [Reply](#)

Graduate Curriculum has approved this proposal on Technical Review.

**Graduate Curriculum**10/2/2020 3:21 pm [Reply](#)

Please note: added to end of syllabus (attached) the minimum provost requirements for syllabi - please revise and if any adjustments are needed, please contact gradcurriculum@unlv.edu

**Ai-Sun Tseng**10/1/2020 4:04 pm [Reply](#)

The requested information is highlighted in the file "BIOL 691 Syllabus-grad work highlighted". Please see page 2. Thanks.

**Curriculog**10/1/2020 4:04 pm [Reply](#)

Ai-Sun Tseng has approved this proposal on Originator.

**Graduate Curriculum**9/30/2020 2:55 pm [2 Replies](#) | [Reply](#)

- Please clarify on syllabus the differences between graduate and undergraduate student expectations / requirements / experiences.

**Ai-Sun Tseng**

10/1/2020 3:59 pm

Hi,

In page 2 of the syllabus, there a section named "BIOL 681 - Writing Assignment and Presentation" which outlines the expectations and additional work for graduate level. Additionally, the difference in grading is listed under "Grading/Course Components".

Is there something else that needs to be added? Thanks.

**Ai-Sun Tseng**

10/1/2020 4:03 pm

I've also added a syllabus pdf that highlights the differences in expectations and coursework for graduate students.

**Curriculog**9/30/2020 2:55 pm [Reply](#)

Graduate Curriculum has rejected this proposal on Technical Review.

**Curriculog**9/28/2020 7:41 am [Reply](#)

Ai-Sun Tseng has approved this proposal on Originator.

## Curriculog

9/28/2020 7:29 am [Reply](#)

Ai-Sun Tseng has launched this proposal.