

# GEOL - 652 - Geophysics

2 Graduate Course Create 2020-21

## 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.

<b>Department*</b> Geoscience	
<b>Prefix:*</b> GEOL	<b>Number:*</b> 652
<b>Is a new Prefix being suggested?</b> <input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>Suggested Prefix</b>	
<b>Long Course Name:*</b>	Geophysics
<b>Short Course Name*</b>	Geophysics

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)

<b>Catalog Description*</b>	Fundamental geophysical concepts and traditional geophysical techniques for the
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evaluation of the subsurface including gravity, magnetics, and seismic refraction.

**First Term Course Offered\***

Fall 2020

**Explanation for Course Create\***

I have taught Geophysics (GEOL442x/GEOL642x - now to be numbered GEOL452/GEOL652) twice and have adjusted the course based on the experience of teaching it and student feedback. The course is now ready to be transitioned to a permanent class. Both times the course was offered there was strong demand from the undergraduate majors and there have also been a number of graduate students who took the course and found it useful.


**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**

GEOL

**X-Course Code** 642

**Program(s) impacted by this new course\*** This course is available as an elective for students enrolled in the MS or PhD in Geoscience, but it is not a required course, so it does not impact the program.

**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.\*** NA

**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  S/F  Thesis/Dissertation

**Is this a Special Topics course?\***  Yes  No

**Sub-topic(s)**

**Are topics repeatable?**  Yes  No

**If yes, number of credits**

**Prerequisites** Graduate Standing in the college of science or engineering

**Corequisites** None

**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** GEOL452

**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:**

**Core books needed:**

**Electronic Resources:**

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

**4. 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** 11/4/19

**Result of vote  
(Number of  
yes/no/abstention  
votes)** 14/0/0

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

## 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**

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

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

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

<b>PS Processing Notes</b>	
<b>PS Processing Date</b>	<b>Initials</b>
<b>Aalog Processing Notes</b>	
<b>Aalog Processing Date</b>	<b>Initials</b>

## Comments for GEOL - 652 - Geophysics

<b>Curriculog</b>	2/18/2020 5:01 pm <a href="#">Reply</a>
James Navalta has approved this proposal on behalf of Graduate Course Review Committee. See <a href="#">Graduate Course Review Committee 02-12-2020</a> for more information.	
<b>Andrew Andres</b>	2/4/2020 10:47 am <a href="#">Reply</a>
The College of Sciences' Curriculum Committee approved this by a vote of 5 yes, 0 no, and 0 abstentions.	
<b>Curriculog</b>	2/4/2020 10:47 am <a href="#">Reply</a>
Andrew Andres has approved this proposal on School/College Associate Dean for Graduate Studies/ Dean.	
<b>Curriculog</b>	2/3/2020 11:53 am <a href="#">Reply</a>
Rohan Dalpatadu has approved this proposal on School/College Committee.	
<b>Geoscience Chair</b>	1/30/2020 2:33 pm <a href="#">Reply</a>
Faculty fully support this course	
<b>Curriculog</b>	1/30/2020 2:33 pm <a href="#">Reply</a>
Geoscience Chair has approved this proposal on Department Chair.	
<b>Curriculog</b>	11/26/2019 12:55 pm <a href="#">Reply</a>
Geoscience Graduate Coordinator has approved this proposal on Graduate Coordinator.	
<b>Curriculog</b>	11/14/2019 3:38 pm <a href="#">Reply</a>
Graduate Curriculum has approved this proposal on Technical Review.	
<b>Curriculog</b>	11/14/2019 1:33 pm <a href="#">Reply</a>
Pamela Burnley has approved this proposal on Originator.	
<b>Graduate Curriculum</b>	10/31/2019 2:37 pm <a href="#">Reply</a>
- Please revise the syllabus using the Provost Approved Syllabus template	



For any further questions and assistance, including syllabus templates, please be encouraged to contact [gradcurriculum@unlv.edu](mailto:gradcurriculum@unlv.edu)"

**Curriculog**

10/31/2019 2:37 pm [Reply](#)

Graduate Curriculum has rejected this proposal on Technical Review.

**Curriculog**

10/30/2019 12:06 pm [Reply](#)

Pamela Burnley has approved this proposal on Originator.

**Curriculog**

10/30/2019 12:04 pm [Reply](#)

Pamela Burnley has launched this proposal.