


# Graduate Certificate in Quantitative Psychology

2 Graduate Program Change 2021-22

## I. General Information

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

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 (s) (if  
Dual or  
Interdisciplinary  
please add all  
departments)\*

Psychology

Degree/ Certificate  
Name\*

Graduate Certificate in Quantitative Psychology

Plan Code

Degree Type\*

Graduate and Advanced Graduate Certificate

Program Type\*

Certificate

## II. Program Changes

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

Are you changing  
admission

Yes  No

requirements?\*

Are you changing course requirements?  Yes  No

Are you changing degree completion requirements?  Yes  No

Are you changing the primary instructional mode?  Yes  No

Are you changing program learning objectives?  Yes  No

Are you changing the culminating experience?  Yes  No

If not a Dual itself, is this program also available as part of a Dual-Degree offering?  Yes  No

If yes, describe changes to learning objectives:

**Provide a Brief Summary of Proposed Changes**




Not more than three credits that are used to fulfill the requirements of another UNLV certificate would be counted towards the requirements for the Certificate in Quantitative Psychology.

**Provide a rationale for each proposed change**

In theory, it would be possible for students to select courses that met the requirements for both the Certificate in Quantitative Psychology and the Certificate in Social Science Methods. However, our department does not think it would be appropriate for a student to receive our certificate without taking any courses beyond the ones already taken for another certificate.

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

Follow these steps to change the program curriculum:

1. Click on  "View Curriculum Schema." Edit existing cores or click 'Add Core' and name your core (please use a comparable degree program in the current graduate catalog as a template). Edit or add any descriptive text (do not add courses until Step 2). Descriptive text is generally used in the following cores: Plan Description, Plan Admission Requirements, Plan Requirements, Plan Graduation Requirements.
2. There are two options for adding courses (see Step 3 to remove courses): "Add Course" and "Import Course." For courses already in the catalog, click on "Import Course" and find the courses needed. For new classes going through a Curriculog Approval Process click on "Add Course"-- a box will open asking you for the Prefix, Course Number and Course Title.
3. Click on  "View Curriculum Schema." Click on the area/header of the program where you would like to add courses. When you click on "Add Courses" it will bring up the list of courses available from Step 2. Select the courses you wish to add. For removing courses click on the  and proceed.

After you have launched proposal, update prospective curriculum here\*

## Plan Description

The certificate in Quantitative Psychology provides graduate students with advanced training in statistical, psychometric, methodological, and computational procedures. The certificate equips students to improve the quality of their substantive research and helps students obtain favorable positions in academia, industry, and the private sector upon graduation. All admitted UNLV graduate students are eligible to pursue the Quantitative Psychology certificate. Students who participate in this certificate are typically drawn from doctoral students who are enrolled in the Psychology Department. However, the Quantitative Psychology certificate is not restricted to psychology doctoral students. Students who are pursuing a Psychology doctoral degree with an emphasis on Quantitative/Experimental are not eligible for the certificate. For more information about your program, including your graduate program handbook and learning outcomes, please visit the Degree Directory.

## Plan Admission Requirements

**Application deadlines** Applications available on the UNLV Graduate College website. To be admitted to the program, you must: Be an admitted UNLV graduate student. Submit a completed application and required application fee. All applicants must review and follow the Graduate College Admission and Registration Requirements. Students are accepted into a certificate program as described in the Graduate Catalog. The faculty and corresponding sub-disciplines and sub-plans within the described programs are subject to change at any time.

## Plan Requirements

Total Credits Required: 12

## Course Requirements

## Required Courses – Credits: 12

Complete 12 credits of the following or other approved courses:

<b>PSY 707 Research Methods</b>	<b>3</b>
<b>PSY 710 Multivariate Analysis in Psychology</b>	<b>3</b>
<b>PSY 711 Advanced Seminar in Psychological Statistics</b>	<b>3</b>
<b>PSY 712 Psychometrics</b>	<b>3</b>
<b>PSY 713 Developmental Research</b>	<b>3</b>
<b>PSY 717 Cognitive Methods</b>	<b>3</b>

## **Certificate Requirements**

The Certificate in Quantitative Psychology requires students to take 12 credits of approved courses. These courses cannot include the 6 credits that are required of all psychology doctoral students (PSY 708 and PSY 709 ). Not more than 3 of the credits that are used to fulfill the requirements of another UNLV certificate can count towards the requirements of the Certificate in Quantitative Psychology. The courses listed above are automatically approved. Additional courses from the Department of Psychology and other departments can count towards the certificate in Quantitative Psychology. 1. To obtain approval to take a course, a student should consult their primary mentor. If the course is offered in another department, students may also need permission from the instructor. 2. To obtain approval to count a course towards the Quantitative Psychology certificate, the student should submit the syllabus to the coordinator of the Department of Psychology Quantitative/Experimental Emphasis. PSY 766 - Independent Study and PSY 768 - Independent Research can count towards the certificate in Quantitative Psychology with the approval of the coordinator of the Quantitative/Experimental Emphasis. These courses may be appropriate in four circumstances: 1. The student will gain expertise in an advanced technique that is not taught at UNLV. 2. The student will write a paper concerning recent advancements (e.g., up-to-date research) in a particular statistical area (e.g., range tests, SEM). 3. The student will conduct a quantitative research project (e.g., write a program, conduct a Monte Carlo study, or complete an original derivation), separate from their master's thesis or dissertation. 4. The student will author or co-author an empirical paper that requires an advanced analysis, and will have primary responsibility for the analysis and presentation of results. This paper must be independent of the student's master's thesis or dissertation. A brief written proposal (1-2 pages) must be approved by the student's advisor and the coordinator of the Quantitative/Experimental Emphasis before the student registers for PSY 766 or PSY 768. To count the course towards the certificate, the student should submit the completed product to the coordinator of the Quantitative/Experimental Emphasis, along with a description of the contribution the student made to the project. A grade point average of at least 3.0 for course work required for the certificate.

## **Plan Certificate Completion Requirements**

The student must submit all required forms to the Graduate College as well as apply for graduation in MyUNLV by the appropriate deadline.

The [Degrees Directory](#) provides current and consistent degree information. Submission of this form indicates acknowledgment and understanding that every department is responsible creating and maintaining accurate and updated program information on the UNLV Degrees Directory.

If the changes included on this form impact the program handbook attach the updated handbook before submitting this form. If you need a Word version of the most recent handbook please email [GradCurriculum@unlv.edu](mailto:GradCurriculum@unlv.edu).

If new courses are added as placeholders within this proposal, new courses must be created using a Course Create form simultaneously to the process of this proposal.

**Degrees Directory Program Entry\***  Check this box to acknowledge the above statement.

**Changes will be applicable to\***

Current Students

New Students

Both Current and New Students


**If applicable to current students, changes are**


Mandatory  Optional

**Effective Date\***

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.

### III. 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.

**If Dual or Interdisciplinary:** add votes from all departments/colleges involved

(e.g. "Dpt A: .... / Dpt. B ....")

**Date faculty voted on proposal** 11/8/20


**Result of vote** 31-0-1

**Manner of vote** online

#### IV. 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.

**If Dual or Interdisciplinary:** add votes from all departments/colleges involved

(e.g. "College A: .... / College B ....")

**Date faculty voted on proposal** 3/5/2021

**Result of vote** 6-0

**Manner of vote** online

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

**Program Alerts (E.g. This program is no longer accepting applications)**

**PS Processing Notes**

**PS Processing Date**

**Initials**

**Aalog Processing Notes**

**Aalog Processing Date**

**Initials**



## Comments for Graduate Certificate in Quantitative Psychology

<b>Curriculog</b>	4/7/2021 5:18 pm <a href="#">Reply</a>
Emily Lin has approved this proposal on Graduate College Dean.	
<b>Gregory Moody</b>	4/7/2021 11:49 am <a href="#">Reply</a>
Vote in approval, WebEx meeting. 16-0	
<b>Curriculog</b>	4/7/2021 11:49 am <a href="#">Reply</a>
Gregory Moody has approved this proposal on Graduate Programs Committee.	
<b>Curriculog</b>	4/7/2021 10:19 am <a href="#">Reply</a>
Graduate Curriculum has approved this proposal on Graduate Programs Committee.	
<b>Curriculog</b>	3/18/2021 9:18 am <a href="#">Reply</a>
Denise Tillery has approved this proposal on School/College Associate Dean/ Dean.	
<b>Curriculog</b>	3/5/2021 11:20 am <a href="#">Reply</a>
David Fott has approved this proposal on School/College Committee.	
<b>Curriculog</b>	3/5/2021 11:20 am <a href="#">Reply</a>
Cheryl Tillotson has approved this proposal on School/College Committee.	
<b>Curriculog</b>	3/5/2021 11:19 am <a href="#">Reply</a>
David Tanenhaus has approved this proposal on School/College Committee.	
<b>Curriculog</b>	3/4/2021 9:04 am <a href="#">Reply</a>
Psychology Chair has approved this proposal on Department Chair.	
<b>Psychology Graduate Coordinator</b>	3/3/2021 12:05 pm <a href="#">Reply</a>
This change was approved by the department faculty.	
<b>Curriculog</b>	3/3/2021 12:05 pm <a href="#">Reply</a>
Psychology Graduate Coordinator has approved this proposal on Graduate Coordinator.	

## Psychological & Brain Sciences Program

2/8/2021 7:14 pm [Reply](#)

This decision was discussed and approved by the psychology department faculty.

## Curriculog

2/8/2021 7:14 pm [Reply](#)

Psychological & Brain Sciences Program has approved this proposal on Graduate Coordinator.

## Curriculog

2/2/2021 12:14 pm [Reply](#)

Psychological & Brain Sciences Graduate Coordinator was added to the Psychology Graduate Coordinator role.

## Curriculog

1/15/2021 2:50 pm [Reply](#)

Graduate Curriculum has approved this proposal on Technical Review.

## Curriculog

12/6/2020 10:08 am [Reply](#)

Kimberly Barchard has approved this proposal on Originator.

## Curriculog

12/6/2020 9:58 am [Reply](#)

Kimberly Barchard has launched this proposal.

## Curriculog

12/6/2020 9:48 am [Reply](#)

Kimberly Barchard imported from the map 2021-2022 Working Graduate Catalog into the following proposal fields: I. General Information: Degree/ Certificate Name, I. General Information: Degree Type, I. General Information: Program Type, II. Program Changes: After you have launched proposal, update prospective curriculum here.