

CS - 642 - Cloud Computing

2 Graduate Course Create 2022-23

I. Course Information

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

Before starting this form, please review graduate curriculum website on policies and processes: <https://www.unlv.edu/graduatecollege/curriculum>

FILL IN ALL FIELDS. You will not be able to launch/submit the proposal without completing the required fields.

Department:*

Computer Science

Prefix:*

CS

Number:* 642

Is the creation of a new Prefix being requested?*

Yes

No

Suggested New Prefix:

Long Course Name:* Cloud Computing

Short Course Name (25 characters, can be abbreviated):* Cloud Computing

Explanation for Course Creation:*

As part of an internal curriculum review, it was determined that a course regarding cloud computing services is needed in order to stay current with current technology and other Universities.

Differential fees required for this course?*

Yes

No

If yes, please explain:

Creating the Catalog Description:

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

incomplete sentences are ok.

avoid repeating the course title.

use of an active voice, e.g. explores, investigates,...

50 words max.

**Catalog Description
50 words limit (read
guidelines above):***

Exploration of cloud computing services, their use cases and applications, and an overview of best practices including security, scalability, and global infrastructure along with preparation for cloud computing professional certifications. Crosslisted with CS 442.

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

**If Yes, to which
programs?**

**First term and year
you intend to offer
this course:***

Fall 2022

Service-Learning designation

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.

**Are you adding a
Service-Learning
designation to this
course?*** Yes No

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 Number:

X-Course maximum offering

X Courses can only be offered a maximum of two times and within a two year limit after approval.

How many times will this x-course be offered? 1 2

Program Changes Needed?

If program changes are needed as a result of this course creation, a **separate program change proposal must be submitted.**

Please describe below your plan for program changes related to this proposal.

QUESTIONS? contact gradcurriculum@unlv.edu

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

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

CROSS-LISTING OR COMBINING COURSES

300- or 400-level courses may be cross-listed with 500-level courses; 400-level courses may also be cross-listed to 600-level courses. Courses that are at the 700 level and above may not be cross-listed with undergraduate courses.

Select one of the options:* Same As = e.g. 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 (e.g. WMST 621 & SOC 621) or different careers (e.g. BIOL 467 & BIOL 667 or PSC 722 & PHIL 728)
 Not Cross-Listed or Same As

List cross-listing courses (or type "none"*):* CS 442

CROSS-LISTING RATIONALE

Please answer the following questions in the "rationale" field below:

What aspect of graduate preparation is met via this course that goes beyond the undergraduate program?

What common aspects are offered in the cross-listings and what grad level pieces are not?

What would be beneficial in offering the cross-listed courses from a graduate education perspective?

What would be beneficial in offering the cross-listed courses from a graduate education perspective?

**Cross-listing
Rationale:**

The CS 642 course is cross-listed with the CS 442 course is cross-listed since a core part of the material and lectures are the same between the classes. Graduate students will be required to complete a small research effort. Additionally, it is expected that this will provide insight for undergraduates students regarding research with the possibility of including undergraduate students if they desire in class and/or on-going research projects.

Credits

**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 Repeatability

**Can students repeat
this course?*** Yes No

**If yes, insert
maximum credits
students can earn
(blank=unlimited):**

Grading

Grading System* Letter Grade
 S/U
 S/F (will count towards GPA)
 S/X/F for Thesis/Dissertation

**The passing grade for
courses is assumed
as B- unless stated
otherwise. Please
indicate a different
passing grade for this
course if applicable:** C

Special Topics Courses

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

List the topic(s):

**Are topics
repeatable?** Yes No

repeatable.

If yes, list the credit limit for each topic:

Requisites (if any)

Graduate standing is the default prerequisite for all graduate-level courses.

Prerequisites: instructor consent.

Corequisites - course(s) that must be taken concurrently:

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
 - Dissertation Research

- Indicate the instructional modes that should be available for scheduling:***
- In Person Supplemental Web
 - Field Study
 - Hybrid
 - Independent Study
 - Web-based
 - Web-based w/ on/off campus meeting
 - Other

If other instructional mode, please describe and explain:

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.)
- New Option

Critically needed journals for this subject area:

Core books needed:

Electronic Resources:

B. This section is completed by the librarian.

Level of support the Library can provide:

Library Comments:

IV. Syllabus

Syllabus

An accessible 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 <https://www.unlv.edu/policies/current-policies>).

Cross-listed / Combined courses have only one syllabus that includes all the information for all courses being cross-listed/combined.



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 an accessible syllabus by navigating to the “attach a file” icon at the right of this form.

Files Attached: * Accessible Syllabus

READY TO SUBMIT?

After completing the form, please follow these steps:

1. Finish the launch of your proposal by clicking the decisions icon  located to the right of the form. This will display a new decision/approval field on the top right.
2. Click on "approve", add an optional comment if necessary, and then click on the "Make My Decision" button at the bottom to move the proposal forward to the next step. You will see a notification indicating that the proposal has moved forward. You will not be able to edit after moving the proposal forward.
3. Please note that it is your responsibility as the proposer to see that the proposal is reviewed and receives all necessary approvals. Please be encouraged to reach out to reviewers on each step, if necessary.
4. You can check the status of the proposal by clicking on the workflow status icon  to verify that the proposal has gone to the next step.


The workflow status icon  will also show you the current step of the proposal at any given time, and who are the reviewers at that step.


QUESTIONS? contact gradcurriculum@unlv.edu

V. Department Vote Information

Note: This section is to be filled out by the Department Chair on behalf of the department 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 in the fields below, along with the approval.
3. Then approve/reject by clicking the decisions icon  located to the right of the form. This will display a new decision/approval field on the top right. Click on "approve", add an optional comment if necessary, and then click on the "Make My Decision" button at the bottom to move the proposal forward to the next step. You will see a notification indicating that the proposal has moved forward. You will not be able to edit after moving the proposal forward.

The workflow status icon  will also show you the current step of the proposal at any given time, and who are the reviewers at that step.

If there were any modifications to the proposal, please enter them in the comments box below:

Comments:

Date faculty voted on proposal: 11/18/2021


Result of vote (Number of yes/no/abstention votes): 15-0-4


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

VI. College Vote Information

Note: This section is to be filled out by the Academic Associate Dean on behalf of the college/school 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 in the fields below, along with the approval.
3. Then approve/reject by clicking the decisions icon  located to the right of the form. This will display a new decision/approval field on the top right. Click on "approve", add an optional comment if necessary, and then click on the "Make My Decision" button at the bottom to move the proposal forward to the next step. You will see a notification indicating that the proposal has moved forward. You will not be able to edit after moving the proposal forward.

The workflow status icon  will also show you the current step of the proposal at any given time, and who are the reviewers at that step.

Date faculty voted on proposal: 2/22/2022

Result of vote (Number of yes/no/abstention votes): 3/0/1

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

VII. Graduate College and Registrar Use Only

PS Processing Date:

Initials:

**Aalog Processing
Notes:**

**Aalog Processing
Date:**

Initials:

Comments for CS - 642 - Cloud Computing

Curriculog	3/24/2022 10:28 am Reply
Graduate Curriculum has approved this proposal on Grad Curriculum Implementation / Follow Up.	
Curriculog	3/17/2022 2:33 pm Reply
Emily Lin has approved this proposal on Graduate College Dean.	
Curriculog	3/16/2022 1:10 pm Reply
James Navalta has approved this proposal on behalf of Graduate Course Review Committee. See Graduate Course Review Committee 03-09-2022 for more information.	
Curriculog	3/16/2022 8:48 am Reply
Graduate Curriculum has approved this proposal on Graduate Course Review Committee.	
Curriculog	2/28/2022 10:02 am Reply
Mohamed Trabia has approved this proposal on School/College Associate Dean/ Dean.	
Melissa Morris	2/22/2022 9:30 am Reply
committee voted to approve	
Curriculog	2/22/2022 9:30 am Reply
Melissa Morris has approved this proposal on School/College Committee.	
Graduate Curriculum	2/14/2022 8:36 am Reply
Adjusted to CS 642 (x-list CS 442) by request, due to objections of reviewers on previously chosen numbers.	
Curriculog	11/16/2021 2:19 pm Reply
CS Chair has approved this proposal on Department Chair.	
Curriculog	11/15/2021 4:26 pm Reply
Computer Science Graduate Coordinator has approved this proposal on Graduate Coordinator.	

Curriculog

11/12/2021 2:35 pm [Reply](#)

Graduate Curriculum has approved this proposal on Technical Review.

Edward Jorgensen

11/12/2021 2:08 pm [Reply](#)

Note, updated syllabus as per comments.

Curriculog

11/12/2021 2:08 pm [Reply](#)

Edward Jorgensen has approved this proposal on Originator.

Graduate Curriculum

10/20/2021 1:17 pm [Reply](#)

- Please revise syllabus to clearly differentiate requirements between graduate and undergraduate students.
- Please create an integrated syllabus in case the attached is only for graduate students. It is recommended that the course can have one syllabus for all students.

For assistance please contact gradcurriculum@unlv.edu

Curriculog

10/20/2021 1:17 pm [Reply](#)

Graduate Curriculum has rejected this proposal on Technical Review.

Curriculog

10/19/2021 3:46 pm [Reply](#)

Edward Jorgensen has approved this proposal on Originator.

Curriculog

10/19/2021 3:46 pm [Reply](#)

Edward Jorgensen has launched this proposal.