

DA - 651 - Managing Big Data and Web Databases

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*

Computer Science

Prefix*

DA

Number* 651

Long Course Name* Managing Big Data and Web Databases

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*

Explores concepts and techniques of databases for real-time web and data analytics applications. Primary focus on SQL, NoSQL, object oriented, and XML databases, with emphasis to characteristics and significance of Sqi and NoSQL databases, NoSQL data formats, key and value pairs, basic schema, and table structures and data types.

Is this course a
culminating

Yes No

experience?*

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*


Fall 2021

Justification and Description of Course Change:*

We are changing the prefix for this course from ITE to DA. The prefix DA is more appropriate for the data analytics program.

Students in Computer Science are not taking this course and can not be used as a computer science electives. Furthermore, all DA courses will have differential fees (currently \$300 per credit) in order to support the program financially.

This course is a required course for the newly proposed MS in Data Analytics.

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 ITE 651

Source: 2020-2021 Graduate Catalog

Programs Doctor of Philosophy - Learning Sciences

Substantive changes will necessitate a Program Change form be submitted.

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

The change of prefix for this course has a minimal effect on other programs. The ITE 651 (now DA 651) is an elective in Doctor of Philosophy in Learning Sciences.

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

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). 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

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**

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 10/14/2019


Result of vote (Number of yes/no/abstention votes) 13/0/1

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

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 10/14/2019

**Date faculty voted
on proposal** 12/18/2020

Result of vote 4/0/0
**(Number of
yes/no/abstention
votes)**

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

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

PS Processing Notes

PS Processing Date

Initials

**Aalog Processing
Notes**

**Aalog Processing
Date**

Initials

Comments for DA - 651 - Managing Big Data and Web Databases

Curriculog	2/17/2021 3:09 pm Reply
Emily Lin has approved this proposal on Graduate College Dean.	
Curriculog	2/17/2021 2:27 pm Reply
James Navalta has approved this proposal on behalf of Graduate Course Review Committee. See /agenda:178/form >Graduate Course Review Committee 2-10-2021 for more information.	
Curriculog	2/10/2021 4:00 pm Reply
Graduate Curriculum has approved this proposal on Graduate Course Review Committee.	
Curriculog	12/18/2020 9:11 pm Reply
Mohamed Trabia has approved this proposal on School/College Associate Dean/ Dean.	
Melissa Morris	12/18/2020 11:45 am Reply
Committee voted to approve with correction of differential spelling in Justification. edit has been made.	
Curriculog	12/18/2020 11:45 am Reply
Melissa Morris has approved this proposal on School/College Committee.	
Curriculog	12/4/2020 4:37 pm Reply
CS Chair has approved this proposal on Department Chair.	
Curriculog	10/15/2020 11:58 am Reply
Computer Science Graduate Coordinator has approved this proposal on Graduate Coordinator.	
Curriculog	10/14/2020 1:29 pm Reply
Graduate Curriculum has force approved this proposal.	
Graduate Curriculum	10/14/2020 1:28 pm Reply
- please re-upload syllabus, uploaded file seems to not be opening correctly.	

Curriculog

10/14/2020 1:28 pm [Reply](#)

Graduate Curriculum has approved this proposal on Technical Review.

Curriculog

10/12/2020 10:26 am [Reply](#)

CS Chair has approved this proposal on Originator.

Curriculog

10/7/2020 1:14 pm [1 Reply](#) | [Reply](#)

Graduate Curriculum has force rejected this proposal.

CS Chair

10/10/2020 3:06 pm

I have modified the proposal as suggested. I have also added a new syllabus for DA 651.

Graduate Curriculum

10/7/2020 1:13 pm [Reply](#)

- Please review suggestive revised description. If satisfactory, no action needs to be taken, simply approve the proposal once again. Otherwise please re-edit and approve with comments.

- Please clarify further on rationale for prefix change, e.g. "that computer science students are not taking this course", to acknowledge move from Engineering to Business school.

- Please provide new syllabus for new prefix, differential fees, and any other changes.

For help and assistance please contact gradcurriculum@unlv.edu

For help and assistance please contact gradcurriculum@unlv.edu"

Curriculog

10/7/2020 1:13 pm [Reply](#)

Graduate Curriculum has rejected this proposal on Technical Review.

Curriculog

10/7/2020 9:01 am [Reply](#)

CS Chair has approved this proposal on Originator.

Curriculog

10/6/2020 10:54 am [Reply](#)

CS Chair has launched this proposal.

Curriculog

10/6/2020 9:55 am [Reply](#)

CS Chair 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.

