

# ITE - 622 - Programming for Data Analytics II

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\*

ITE

Number\* 622

Long Course Name\* Programming for Data Analytics II

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 techniques used in data analytics: linear regression, binary classification, support vector machine, neural networks, deep learning, and clustering and dimensionality reduction. Focuses on the practical application of these tools and discusses applications of data analytics with a focus on business, health, bioinformatics, OCR, text and web data processing.

Is this course a culminating experience?  Yes  No

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 Number
- Name
- Description
- Credits/Grading
- PreReqs/CoReqs
- Instructional Mode
- Other (e.g. Combination / Cross-listing; Notes; Fees, ...)

### Effective Term and Year\*


Fall 2021

### Justification and Description of Course Change:\*

ITE 622 was proposed and approved in the Spring of 2020 as a part of the required courses for the new MS in Data Analytics.

The prefix DA is more appropriate for this course. Students in Computer Science are not taking this course and can not be used as a computer Science electives.

Also, there is a differential fee associated with all courses in Data Analytics (currently \$300 per credit) in order to support the program financially.

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 622

There are no results for this report.

Substantive changes will necessitate a Program Change form be submitted.

### Detail the changes to the program catalog entry

None

required due to this change.\*

**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

**If yes, list the course (or type "none")\***

none

**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. Course Change Information

Please review all sections below and make necessary changes after you launch the proposal.

Prefix and Number Change

**Current Prefix and/or Number** ITE 622

**New Prefix and/or Number** DA 622

## 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** [ITE 621](#) or consent of instructor.

**Corequisites**

**Differential fees required for this course? (if yes, please clarify on justification field above)\***  Yes  No

**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**

**Library Comments**

**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](mailto: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.)**

**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 on proposal** 12/18/2020

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

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

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

**PS Processing Notes**

**PS Processing Date**

**Initials**

**Aalog Processing Notes**

**Aalog Processing Date**

**Initials**

## Comments for ITE - 622 - Programming for Data Analytics II

<b>Curriculog</b>	2/17/2021 3:11 pm <a href="#">Reply</a>
Emily Lin has approved this proposal on Graduate College Dean.	
<b>Curriculog</b>	2/17/2021 2:28 pm <a href="#">Reply</a>
James Navalta has approved this proposal on behalf of Graduate Course Review Committee. See <a href="/agenda:178/form">/agenda:178/form</a> >Graduate Course Review Committee 2-10-2021</a> for more information.	
<b>Curriculog</b>	2/10/2021 4:01 pm <a href="#">Reply</a>
Graduate Curriculum has approved this proposal on Graduate Course Review Committee.	
<b>Curriculog</b>	12/18/2020 9:12 pm <a href="#">Reply</a>
Mohamed Trabia has approved this proposal on School/College Associate Dean/ Dean.	
<b>Melissa Morris</b>	12/18/2020 2:39 pm <a href="#">Reply</a>
Unanimously approved by College Curriculum Committee	
<b>Curriculog</b>	12/18/2020 2:39 pm <a href="#">Reply</a>
Melissa Morris has approved this proposal on School/College Committee.	
<b>Curriculog</b>	12/12/2020 7:54 am <a href="#">Reply</a>
CS Chair has approved this proposal on Department Chair.	
<b>Curriculog</b>	12/11/2020 5:06 pm <a href="#">Reply</a>
Computer Science Graduate Coordinator has approved this proposal on Graduate Coordinator.	
<b>Curriculog</b>	12/11/2020 2:11 pm <a href="#">Reply</a>
Graduate Curriculum has force approved this proposal.	
<b>Curriculog</b>	12/10/2020 4:07 pm <a href="#">Reply</a>
CS Chair has approved this proposal on Originator.	



## Curriculog

10/9/2020 11:01 am [1 Reply](#) | [Reply](#)

Graduate Curriculum has force rejected this proposal.

## CS Chair

10/10/2020 2:50 pm

I have modified the proposal as suggested.

Also a new syllabus for DA 622 is uploaded.

## Graduate Curriculum

10/9/2020 11:00 am [Reply](#)

- 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

## Curriculog

10/9/2020 11:00 am [Reply](#)

Graduate Curriculum has rejected this proposal on Technical Review.

## Curriculog

10/7/2020 11:13 am [Reply](#)

CS Chair has approved this proposal on Originator.

## Curriculog

10/7/2020 11:13 am [Reply](#)

CS Chair has launched this proposal.

## Curriculog

10/7/2020 10:49 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, II. Course Change Information: Prerequisites.