

DA - 790 - Data Analytics Capstone

2 Graduate Course Create 2021-22

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.

Department*

Computer Science

Prefix:*

DA

Number:* 790

Is a new Prefix being suggested? Yes No

Suggested Prefix

Long Course Name:* Data Analytics Capstone

Short Course Name* Data Analytics Capstone

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)

Catalog Description*

Culminating experience under advisor direction. Enables the demonstration of data analytics concepts and learning objectives into a final project in a specific subject matter such as hospitality, healthcare, social studies, or other disciplines.

Is this course a culminating experience?*

Yes No

If Yes, to which programs?*

MS in Data Analytics

First Term Course Offered*

Fall 2021

Explanation for Course Create*

Students in the Data Analytics are required to incorporate their course material into a project that shows their mastery in data management, data analysis, and knowledge discoveries. They are also required to communicate their findings.

This course requires a differential fee.

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. 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 Code

Program(s) impacted by this new course* No negative impact (only added to MS Data Analytics)

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.* MS Data Analytics - program proposal submitted in parallel - course included on that proposal.

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 Thesis/Dissertation

Is this a Special Topics course?* Yes No

Sub-topic(s)

Are topics repeatable? Yes No

If yes, number of

If yes, number of credits

Prerequisites

Completion of at least 12 credits of required courses in MS in Data Analytics. The course also requires advisor approval.

Corequisites

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

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

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

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

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: ACM Transactions on Database Systems

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). 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.
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

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 12/18/2020

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

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

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

PS Processing Notes

PS Processing Date

Initials

Aalog Processing Notes

Aalog Processing Date

Initials

Comments for DA - 790 - Data Analytics Capstone

Curriculog	2/17/2021 3:10 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 2:37 pm Reply
Unanimously approved by College Curriculum Committee	
Curriculog	12/18/2020 2:37 pm Reply
Melissa Morris has approved this proposal on School/College Committee.	
Curriculog	12/5/2020 1:47 pm Reply
CS Chair has approved this proposal on Department Chair.	
Curriculog	12/5/2020 12:01 pm Reply
Computer Science Graduate Coordinator has approved this proposal on Graduate Coordinator.	
Curriculog	10/22/2020 10:14 am Reply
Graduate Curriculum has approved this proposal on Technical Review.	
Curriculog	10/19/2020 0:14 am Reply
This proposal has passed its deadline and has been approved.	

Graduate Curriculum

10/15/2020 10:15 am [Reply](#)

- Please include minimum provost requirements to syllabus (attached)
- Please elaborate further within syllabus on content and requirements.

For assistance please contact gradcurriculum@unlv.edu

Curriculog

10/15/2020 10:15 am [Reply](#)

Graduate Curriculum has rejected this proposal on Technical Review.

Curriculog

10/14/2020 0:12 am [Reply](#)

This proposal has passed its deadline and has been approved.

Curriculog

10/10/2020 4:43 pm [Reply](#)

CS Chair has approved this proposal on Originator.

Curriculog

10/10/2020 4:43 pm [Reply](#)

CS Chair has launched this proposal.

Curriculog

10/10/2020 3:14 pm [Reply](#)

CS Chair imported from the map 2021-2022 Working Graduate Catalog into the following proposal fields: I. Course Information: Prefix;, I. Course Information: Number;, I. Course Information: Long Course Name;, II. Catalog Information: Prerequisites.