

B - Course Revision Form V. 7.2022 : Entry # 3589**DEAN Decision**

Approved

Today's Date

09/15/2025

EPC Decision

Approved

Today's Date

10/17/2025

GEC Decision

Approved

Today's Date

11/07/2025

APIRC Decision

Approved

Today's Date

11/14/2025

Begin Form**Today's Date**

09/16/2025

Your Name

Luis Cueva Parra

Your Email:lcuevapa@highpoint.edu**Are you a Department Chair?**

No

Department Chair Name

Michael Oudshoorn

Email address of your Department Chair

B - Course Revision Form V. 7.2022 : Entry # 3589michael.oudshoorn@highpoint.edu

By checking below, I certify that my department chair has seen and approved the course revisions that are in this proposal

Yes

Please select the appropriate school overseeing this proposal:

Engineering

When should this proposal take effect?

Fall 2026

Are you submitting multiple courses for revision from the same department?

No, just one

Please list all of the courses that you are submitting revisions for:

Course Prefix	Course Number	Course Title
DSC	4900	Data Science Capstone Project

What would you like to revise?

- Learning Outcomes

Gen Ed & Academic Program Information

Is this a revision to meet new Gen Ed requirements?

Yes

Which area(s) of Gen Ed does your proposal seek for approval?

- Experiential Learning [EXP]

Is this course part of an academic program?

- This course does not currently fulfill academic program requirements

Does this course, as revised, include any community engagement?

No

Is this course part of GoGlobal?

No

Does this course count towards a major or a minor?

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Yes

Please list the course(s) and whether they are required or electives for the major/minor.

Course Prefix/Number	Name of Major and/or Minor?	Required or Elective?
DSC 4900	Data Science	Required

Is this course cross listed?

No

Choose the department designator for your course from the list below.

DSC

Current course number

4900

Current course title

Data Science Capstone Project

Curriculum Review Information**Please list all revised student learning outcomes, including Gen Ed outcomes, for this course in the box below.**

- Demonstrate knowledge through applied experience or projects.
- Identify relevant real-world problems or opportunities that can be solved using Data Science theory and techniques.
- Apply Data Science theory and techniques to carry out a project on a selected domain area with real world data.
- Effectively communicate in writing and orally Data Science project's implementation and solution.

Please list any revisions to units or content areas that will be required for all sections of this course in the box below.

NA

If you have Gen Ed learning outcomes, please address the kinds of assessments you may use for each area that you are proposing the course be designated (i.e., Arts, Humanities, Diversity, etc.)

The course is based on a semester-long project. The project will assess that the student can demonstrate Data Science knowledge by developing the project.

Please list any revisions to course policies that will be required for all sections of this course.

NA

If you would like to specify any revisions to requirements for how contact hours must be met for all sections of this course, please indicate below (e.g., if any experiential learning activities will replace seat time)

NA

If this course proposal affects any other departments, please describe the consultation and approval that you've received and from whom in the box below.

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NA

Is there any additional information that you would like to provide for this proposal?

NA

Sample Syllabus

- [DSC 4900 Syllabus GED.pdf](#)

Additional Files

- [dsc4900 ProjectReport.pdf](#)