

Curriculum Revision Form

Effective Date: FALL 2026

Submission Date:

Department:

College of:

Contact Person:

Minor Required?

Major/Minor/Emphasis/Certification Name:

If selection is "Deletion" complete questions 2, 3, & 4, then complete signatures.

Revision to Curriculum – REQUIRES ACADEMIC PLANNING EXCEL ATTACHED.

Used to change program name and/or curriculum, effective the upcoming academic catalog.

Removes Major/Minor/Emphasis/Certificate from upcoming catalog.

1. Describe ALL Changes:

2. Rationale for change, including changes to curriculum objectives:

3. Will this change affect any education majors? *If "yes," this requirement will need approval of the Council for Teacher Education before upload to "Approved College Curriculum Legislation".*

Yes

No

4. If this change affects any other department on campus, **please attach all email notifications between departments.**

5. Does the revision meet University catalog definitions for majors, minors, emphases, and certificates as appropriate?

Yes

No

6. Will additional resources or costs will be required?

Yes

No

If so, what will be needed?

Definition of an Emphasis

Area of Emphasis is a specific subject area that exists within an approved degree program and major. At Pittsburg State University a minimum of 12 credit hours and no more than 24 credit hours are expected for an area of emphasis in a baccalaureate degree program.

Definition of a Minor

Minors at Pittsburg State University may range from 15 to 24 credit hours. When selected to accompany a degree that requires a minor there must be at least nine unique credit hours in the minor that are not found in the student's major in order to meet graduation requirements. In instances where the major requires a minor (not the degree type), academic departments/schools may specify minors that best achieve the learning objective for their students.

Definition of Certificate Program

A certificate program can be undergraduate or graduate in course content and provides a specific body of knowledge for personal or career development or professional continuing education. Certificates may be taken while also pursuing a degree or independent from any other studies at Pittsburg State University. It is recommended that if the student is only pursuing a certificate and not in conjunction with a degree and wishes to apply for federal financial assistance that they visit with personnel in the Student Financial Assistance office regarding the eligibility for aid for the certificate of interest. At Pittsburg State University a certificate can range from 12 credit hours to 24 credit hours.

Authorization Sign-Off Sheet

Checklist: Check once verified.

<input type="checkbox"/>	Program guide from current catalog.
<input type="checkbox"/>	Academic Planning Excel attached.
<input type="checkbox"/>	120 Credit hours met.
<input type="checkbox"/>	Course Id's match Course names.
<input type="checkbox"/>	Course hours are correct.
<input type="checkbox"/>	Listed courses are currently active.
<input type="checkbox"/>	Needed Documentation attached.

-Approved: Department Chair/Director
Date: Signature:

Alexander D. Birch

-Approved: College Curriculum Committee
Date: 1/8/26 Signature:

Jennifer Purcell

-Approved: Dean of College
Date: 01/15/26 Signature:

Paul W. Grimes

-Approved: Council for Teacher Education (if applicable)
Date: Signature:

-Approved: University Undergraduate Curriculum Committee
Date: Signature:

-Approved: Faculty Senate
Date: Signature, Recorder Faculty Senate:

Following final College Curriculum Committee approval, please apply the appropriate signatures, and send them to your College Administrator.

Originating Department: After completing this form, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.pdf" and uploaded as well.

Make sure to attach the program guide from current catalog! (For Revised Curriculum)

<https://www.pittstate.edu/registrar/catalog>

Academic Planning Document for 2025-2026

Major/Emphasis/Minor/Certificate - Data Science & Information Systems

Course Prefix	Course Num.	Course Name	Cr. Hr.
Major Courses -			27
DSIS	230	Introduction to Programming	3
DSIS	245	Principles of Data Science	3
DSIS	380	Systems Analysis and Design	3
DSIS	430	Data Analytics: Business Intelligence	3
DSIS	440	Data Visualization	3
DSIS	470	Network and Information Security	3
DSIS	615	Database Management	3
DSIS	650	Data Mining	3
DSIS	>300	Any	3
Support Courses -			51
		Kelce Core Prerequisites	9
		Kelce Core	42
Elective Courses -			8
		Open	8
Total Credit Hours -			86
Minor -			0
General Education, 34-35 hours -			34
Total Credit Hours:			120

Be sure all information is correct and courses are active before submitting.

Curriculum Revisions **REQUIRE** a program guide from the current catalog, 24/25.

Your legislation will be returned if either is found.

DO NOT SAVE AS PDF, Leave in Excel worksheet format!

BBA Degree with a Major in Data Science and Information Systems

Degree: Bachelor of Business Administration

Major: Data Science and Information Systems

General Education Requirements

General Education requirements consist of 34-35 credit hours of course work.

Required Math Gateway Course, seek advisement.

MATH-113 College Algebra

Or

MATH-110 College Algebra with Review

Core Prerequisites

9 hours of coursework are required for all business majors prior to completing the Kelce Core. Note that these classes may also satisfy some General Education requirements.

The prerequisite courses include:

- ___ DSIS-130 Computer Information Systems (3 hours)
- ___ ECON-200 Principles of Microeconomics (3 hours)
- ___ ECON-201 Principles of Macroeconomics (3 hours)

Kelce Core Requirements

At the heart of the BBA is the Kelce College Core. The Core provides students with an integrative experience of the various business disciplines that allows students to develop a well-rounded understanding of how business works.

See notes *1

- ___ ACCTG-201 Financial Accounting (3 hours)
- ___ ACCTG-202 Managerial Accounting (3 hours)
- ___ BUS-101 Introduction to Business (3 hours)
- ___ BUS-210 Business Professionalism (3 hours)
- ___ DSIS-420 Management Information Systems (3 hours)
- ___ FIN-326 Business Finance (3 hours)
- ___ MGT-330 Management and Organizational Behavior (3 hours)
- ___ MGT-430 Legal and Social Environment of Business (3 hours)
- ___ MGT-690 Business Strategy (3 hours)
- ___ MKTG-330 Principles of Marketing (3 hours)
- ___ QBA-210 Business Statistics (3 hours)
- ___ QBA-310 Business Analytics I (3 hours)
- ___ QBA-410 Business Analytics II (3 hours)

*Notes *1: Plus 3 hours of any ECON elective, 300-level or above.*

Major Requirements

See notes *2

- ___ DSIS-230 Introduction to Programming (3 hours)

- ___ DSIS-240 Intermediate Programming (3 hours)
- ___ DSIS-380 Systems Analysis and Design (3 hours)
- ___ DSIS-430 Data Analytics: Business Intelligence (3 hours)
- ___ DSIS-440 Data Visualization (3 hours)
- ___ DSIS-470 Network and Information Security (3 hours)
- ___ DSIS-615 Database Management (3 hours)
- ___ DSIS-650 Data Mining (3 hours)

*Notes *2: Plus 3 hours DSIS Elective, 300-level and above.*

Total of 120 hours required for a Bachelor of Business Administration Degree in Data Science and Information Systems.

Revised: 08/28/2025