

DS 115: ADVANCED BUSINESS ANALYTICS

In Workflow

1. CBA College Committee Chair (joseph.taylor@csus.edu)
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Approval Path

1. Mon, 30 Sep 2024 19:41:50 GMT
Joseph Taylor (joseph.taylor): Approved for CBA College Committee Chair
2. Mon, 30 Sep 2024 20:40:06 GMT
Jean-francois Coget (coget): Approved for CBA Dean

History

1. Nov 23, 2020 by Min Li (limin)
2. Nov 12, 2021 by Min Li (limin)
3. Jun 14, 2022 by 301127606

Date Submitted: Fri, 10 Nov 2023 16:44:00 GMT

Viewing: DS 115 : Advanced Business Analytics

Formerly known as: MIS 132

Last approved: Tue, 14 Jun 2022 14:03:00 GMT

Last edit: Wed, 30 Oct 2024 18:50:24 GMT

Changes proposed by: Joseph Taylor (219186475)

Contact(s):

Name (First Last)	Email	Phone 999-999-9999
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Catalog Title:

Advanced Business Analytics

Class Schedule Title:

Advanced Business Analytics

Academic Group: (College)

CBA - Business

Academic Organization: (Department)

Information Systems and Business Analytics

Will this course be offered through the College of Continuing Education (CCE)?

No

Catalog Year Effective:

Fall 2025 (2025/2026 Catalog)

Subject Area: (prefix)

DS - Decision Sciences

Catalog Number: (course number)

115

Course ID: (For administrative use only.)

203238

Units:

3

Is the ONLY purpose of this change to update the term typically offered or the enforcement of existing requisites at registration?

No

In what term(s) will this course typically be offered?

Fall, Spring

Does this course require a room for its final exam?

Yes, final exam requires a room

This course complies with the credit hour policy:

Yes

Justification for course proposal:

Remove "Business, Computer Science, and Mathematics are approved majors to enroll in the course." from the prerequisite so business analytics minors can take this course.

Course Description: (Not to exceed 90 words and language should conform to catalog copy.)

This course introduces students to more advanced topics in business analytics including Neural Networks, Deep Learning, Text Mining, Social Network Analytics, Computer Vision, and their applications in business.

Are one or more field trips required with this course?

No

Fee Course?

No

Is this course designated as Service Learning?

No

Is this course designated as Curricular Community Engaged Learning?

No

Does this course require safety training?

No

Does this course require personal protective equipment (PPE)?

No

Does this course have prerequisites?

Yes

Prerequisite:

DS 110

Prerequisites Enforced at Registration?

Yes

Does this course have corequisites?

No

Graded:

Letter

Approval required for enrollment?

No Approval Required

Course Component(s) and Classification(s):

Lecture

Lecture Classification

CS#02 - Lecture/Discussion (K-factor=1WTU per unit)

Lecture Units

3

Is this a paired course?

No

Is this course crosslisted?

No

Can this course be repeated for credit?

No

Can the course be taken for credit more than once during the same term?

No

Description of the Expected Learning Outcomes and Assessment Strategies:

List the Expected Learning Outcomes and their accompanying Assessment Strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers). Click the plus sign to add a new row.

	Expected Learning Outcome	Assessment Strategies
1	Identify opportunities for creating value using business analytics.	Projects Homework Assignments Exams Quizzes
2	Estimate the value created using business analytics.	Projects Homework Assignments Exams Quizzes
3	Provide insights and improve the quality of business decisions using business analytics.	Projects Homework Assignments
4	Determine where business analytics is applicable within an organization and evaluate situations where business analytics can be misused.	Projects Homework Assignments

Attach a list of the required/recommended course readings and activities:

syllabus_DS115.docx

Is this course required in a degree program (major, minor, graduate degree, certificate?)

Yes

Has a corresponding Program Change been submitted to Workflow?

No

Identify the program(s) in which this course is required:

Programs:

BS in Business Administration (Business Analytics)

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?

No

Will there be any departments affected by this proposed course?

No

I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.

I/we agree

University Learning Goals

Undergraduate Learning Goals:

Competence in the disciplines
Intellectual and practical skills
Integrative learning

Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

GE Course and GE Goal(s)

Is this a General Education (GE) course or is it being considered for GE?

No

Key: 3404