

# DS 101: INTRODUCTION TO BUSINESS ANALYTICS

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## In Workflow

1. CBA College Committee Chair (jbrichar@csus.edu)
2. CBA Dean (jaydeep.balakrishnan@csus.edu)
3. Academic Services (torsetj@csus.edu; cnewsome@skymail.csus.edu)
4. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
5. Dean of Undergraduate (james.german@csus.edu; celena.showers@csus.edu)
6. Dean of Graduate (cnewsome@skymail.csus.edu)
7. Catalog Editor (torsetj@csus.edu)
8. Registrar's Office (wlindsey@csus.edu)
9. PeopleSoft (PeopleSoft@csus.edu)

## Approval Path

1. Wed, 05 May 2021 19:32:09 GMT  
Joseph Richards (jbrichar): Approved for CBA College Committee Chair
2. Wed, 18 Aug 2021 00:16:33 GMT  
Jaydeep Balakrishnan (jaydeep.balakrishnan): Approved for CBA Dean

Date Submitted: Mon, 03 May 2021 23:40:47 GMT

## Viewing: DS 101 : Introduction to Business Analytics

Last edit: Mon, 03 May 2021 23:40:45 GMT

Changes proposed by: Min Li (101017159)

### Contact(s):

Name (First Last)	Email	Phone 999-999-9999
Min Li	Min.Li@csus.edu	916-278-7132

### Catalog Title:

Introduction to Business Analytics

### Class Schedule Title:

Intro to 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 2021 (2021/2022 Catalog)

### Subject Area: (prefix)

DS - Decision Sciences

### Catalog Number: (course number)

101

### Course ID: (For administrative use only.)

149831

### Units:

3

### 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

**Does this course replace an existing experimental course?**

No

**This course complies with the credit hour policy:**

Yes

**Justification for course proposal:**

This is a required core course serving all business students and the first critical course serving the new Business Analytics concentration. The course title and description need to be revised to reflect the new curriculum development and coverage in the course during the past many years and its role in the new Business Analytics concentration and the BSBA core.

**Course Description: (Not to exceed 80 words and language should conform to catalog copy.)**

Introductory course in business analytics that focuses on the application of analytics linking data to business decisions.

**Are one or more field trips required with this course?**

No

**Fee Course?**

No

**Is this course designated as Service 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:**

MATH 24, STAT 1; must be a business pre-major, business major (any concentration), or business minor, and have at least sophomore standing

**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=1 WTU 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: Describe outcomes using the following format: "Students will be able to: 1), 2), etc."**

Students will be able to

1. identify the appropriate quantitative method to address the problem,
2. apply the identified method using correct processes and tool(s),
3. interpret and communicate the results for business audiences involved in decision making.

**Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above.**

Students will be assessed on the curriculum in the class using a variety of methods, including:

Exams (ELO 1, 2, 3)

Quizzes (ELO 1, 2)

Homework Assignments (ELO 1, 2, 3)

**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 (Accountancy)

BS in Business Administration (Business Analytics)

BS in Business Administration (Entrepreneurship)

BS in Business Administration (Finance)

BS in Business Administration (General Management)

BS in Business Administration (International Business)

BS in Business Administration (Management Information Systems)

BS in Business Administration (Management of Human Resources & Organizational Behavior)

BS in Business Administration (Marketing)

BS in Business Administration (Supply Chain Management)

**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

Integrative learning

Intellectual and practical skills

**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

**Please attach any additional files not requested above:**

Syllabus\_DS101.docx

Key: 1189