

MINOR IN BUSINESS ANALYTICS



SACRAMENTO STATE
Redefine the Possible

In Workflow

1. CBA College Committee Chair (jlee@csus.edu)
2. CBA Dean (coget@csus.edu)
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4. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
5. Faculty Senate Executive Committee Chair (kathy.honeychurch@csus.edu)
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Approval Path

1. Tue, 03 Oct 2023 18:34:58 GMT
Jai Joon Lee (jlee): Approved for CBA College Committee Chair
2. Tue, 03 Oct 2023 19:06:52 GMT
Jean-francois Coget (coget): Approved for CBA Dean
3. Mon, 30 Oct 2023 23:01:42 GMT
Katie Hawke (katiedickson): Approved for Academic Services

New Program Proposal

Date Submitted: Tue, 03 Oct 2023 02:03:52 GMT

Viewing: Minor in Business Analytics

Last edit: Mon, 16 Oct 2023 21:52:17 GMT

Changes proposed by: Joseph Taylor (219186475)

Academic Group: (College)

Business

Academic Organization: (Department)

Information Systems and Business Analytics

Catalog Year Effective:

2024-2025 Catalog

NOTE: This degree major program will be subject to program review evaluation within six years after implementation.

Individual(s) primarily responsible for drafting the proposed degree major program:

Name (First Last)	Email	Phone 999-999-9999
Joseph Taylor	joseph.taylor@csus.edu	916#278#7122

Type of Program Proposal:

Minor

Is this a pilot program?

No

Delivery Format:

Fully Face to Face

Title of the Program:

Minor in Business Analytics

Designation: (degree terminology)

Minor

Abstract of the proposal:

This proposal is to create a Minor in Business Analytics. The minor would allow students who are pursuing a variety of disciplines with technical and quantitative training to develop the skills required to leverage data in decision making for organizations. These skills are in high demand in the workforce, and can open additional employment opportunities to our students.

Briefly describe the program proposal (new or change) and provide a justification:

This is a new minor to provide students studying any discipline with technical and quantitative skills to manage and analyze data. The program is design to address the growing need within the regional workforce for individuals with the ability to manage, analyze, visualize and communicate practical, operational insights derived from data.

University Learning Goals

Undergraduate Learning Goals:

Competence in the disciplines
Intellectual and practical skills
Personal and social responsibility

Program Learning Outcomes

Program Learning Outcomes

Learning Outcome

1. Demonstrate knowledge and skills of business analytics to practical contexts and situations.
2. Relate analytics findings to decision makers in a variety of formats appropriate to the audience.
3. Complete and classify quantitative methods used in data analysis.
4. Articulate an understanding of professional integrity and the ethical and legal implications of the use of business analytics.

Will this program be 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

Please attach a Comprehensive Program Assessment Plan (required)

Assessment from Minor program proposal.docx

Please attach a Curriculum Map Matrix (required)

Minor Course timeline map.xlsx

Please attach a five-year budget projection (required)

Minor budget.xlsx

Catalog Description:

The amount of data flowing from, to, and through enterprises of all sorts is enormous, and growing rapidly—more rapidly than the capabilities of organizations to use it. Successful enterprises are those that make effective use of the abundance of data to which they have access: to make better predictions, better decisions, and form better strategies. Business analytics—which encompasses a variety of techniques to extract useful information from different sources of data—is being embraced at an increasing rate by organizations that need to gain actionable and forward-looking insight from their data. The minor in business analytics will provide students with the cutting-edge knowledge and skills they need to use and gather data to identify, understand, and deliver insights that internal and external clients find vital to organizational success.

Admission Requirements: Course prerequisites and other criteria for admission of students to the degree major program, and for their continuation in it.

A student wishing to minor in Business Analytics must file a Minor request petition (obtained in the Undergraduate Business Advising Center).

Program Requirements: (If new courses are being created as part of a new program, it will be useful to propose courses first.)

DS 101
 DS 102
 DS 110
 MIS 183

Select one of the following:

DS 105
 DS 115
 MIS 163
 MIS 181
 ACCY 143
 FIN 136
 MKTG 115
 MKTG 188

Attach the results of a formal survey in the geographical area to be served indicating demand for individuals who have earned the proposed degree and evidence of serious student interest in majoring in the proposed program:

Baseline California Forecast.pdf
 Occupation Report for Statisticians (2).pdf
 Occupation Report for Real Estate Sales Agents (2).pdf

For graduate programs, the number of declared undergraduate major and the degree production over the preceding years of the corresponding baccalaureate program:

NA

Professional uses of the proposed degree major program:

NA, but the minor will provide students from any other domain in the university to development technical and quantitative skills pertinent in the job market.

The expected number of majors in:

1st Year Enrollment:

10

3rd Year Enrollment:

20

5th Year Enrollment:

30

1st Year Graduates:

0

3rd Year Graduates:

10

5th Year Graduates:

30

Key: 537