

MBA (BUSINESS ANALYTICS IN HEALTHCARE)



SACRAMENTO STATE
Redefine the Possible

In Workflow

1. CBA College Committee Chair (limin@csus.edu)
2. CBA Dean (mikhaili@csus.edu)
3. Academic Services (catalog@csus.edu)
4. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
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7. Catalog Editor (catalog@csus.edu)
8. Graduate Studies (jdsmall@csus.edu; mxiong@csus.edu)
9. Registrar's Office (wlindsey@csus.edu)

Approval Path

1. Fri, 11 Mar 2022 02:05:46 GMT
Min Li (limin): Approved for CBA College Committee Chair
2. Fri, 11 Mar 2022 04:04:25 GMT
Andrey Mikhailitchenko (mikhaili): Approved for CBA Dean

History

1. May 3, 2018 by clmig-jwehrheim
2. Mar 11, 2021 by Feng Liu (liu)

Date Submitted: Thu, 10 Mar 2022 20:51:02 GMT

Viewing: MBA (Business Analytics in Healthcare)

Last approved: Fri, 12 Mar 2021 00:31:03 GMT

Last edit: Thu, 10 Mar 2022 20:51:00 GMT

Changes proposed by: Feng Liu (213250090)

Academic Group: (College)

Business

Academic Organization: (Department)

Business Administration

Catalog Year Effective:

2022-2023 Catalog

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

Name (First Last)	Email	Phone 999-999-9999
Feng Liu	liu@csus.edu	916-278-7106

Type of Program Proposal:

Major

Program Change Type:

Non-Substantive

Title of the Program:

MBA (Business Analytics in Healthcare)

Designation: (degree terminology)

Master of Business Administration

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

To update the currency policy on MBA foundation courses (from 7 years to 10 years. Such a change has been approved by the Academic Standards Committee in the College of Business, as can be seen in the attachment).

Objectives of the degree program:

The MBA program has been developed to provide an education that is extensive and broadening rather than intensive or specialized within a limited functional area. The MBA is intended to improve the participant's capacity for effective decision making, to facilitate his/her professional growth and development for increasing managerial responsibility, and to broaden his/her knowledge and understanding of management in the areas of:

- Accountancy
- Finance
- International Management
- Management Information Systems
- Supply Chain Management

The MBA is also appropriate preparation for teaching business education subjects at the community college level. Students are encouraged to obtain further guidance from the school districts in which they will teach.

University Learning Goals

Graduate (Masters) Learning Goals:

Critical thinking/analysis
Communication
Information literacy
Disciplinary knowledge
Intercultural/Global perspectives
Professionalism
Research (optional)

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

Catalog Description:

Total units required for MBA: 33

Program Description

The MBA is intended to improve the participant's capacity for effective decision making, to facilitate his/her professional growth and development for increasing managerial responsibility, and to broaden his/her knowledge and understanding of management.

The Business Analytics in Healthcare (BAH) concentration will explore finance, information technology, operations and other areas as it is applied to and used in the healthcare industry. Students will be exposed to the challenges in healthcare and gain managerial and technical expertise addressing the complex and multi-faceted aspects of healthcare organizations such as pharmaceuticals and medical product companies, financial and insurance services, hospitals and other medical institutions, entrepreneurial ventures, consulting firms, foundation, and governments. The complementary themed design of the program will open up multiple career opportunities for graduate in several emerging areas.

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

Admission Requirements

All applicants for post-baccalaureate degree programs in Business must have earned a baccalaureate degree from a regionally accredited four-year institution of higher learning or the equivalent from a foreign institution. Admission requirements are different for each of the CBA Graduate Programs. The specific admission requirements for each degree program are listed within the program descriptions under "Admission Information" on the following pages. The College of Business Administration reserves the rights to revise its admissions standards and to limit enrollment in its graduate degree programs.

Applicants who are approved for admission will receive a letter from the Office of Graduate Studies informing them that they have been admitted as a conditionally or fully classified graduate student.

The following represent minimum academic qualifications and admission criteria. As the College of Business Administration receives a large number of applications each cycle, it reserves the right to admit fewer applicants than those who meet the minimum criteria.

Title V of the California Educational Code requires that MBA candidates must have earned a minimum 2.5 cumulative GPA and an undergraduate degree from a regionally accredited institution.

Unless a valid waiver is presented, applicants must also submit a valid admission test (GMAT or GRE) and/or English Language Proficiency exam scores.

Minimum Admission or Language Test Scores

GMAT: 30% overall, 30% verbal, 30% quantitative; Scores valid for 5 years from test date. Test must be taken by the application deadline. Students are able to apply with pending scores, but must submit an official score report to be considered for admission.

GRE (General Test): 30% verbal, 30% quantitative; Scores valid for 5 years from test date. Test must be taken by the application deadline. Students are able to apply with pending scores, but must submit an official score report to be considered for admission (use institution code of 4671 ONLY when requesting official score reports be sent to Sacramento State; do not use department code).

TOEFL: Paper-based: 550; Internet-based: 80 (International Students only).

IELTS: 7 (International Students only).

Deadlines

See the CBA MBA website for current admission deadlines: <https://www.csus.edu/college/business-administration/graduate/mba.html>

Special Admission Process

Applicants not meeting all the admission criteria may be admitted to the program based on evidence of potential success in the program provided by the applicant. Such evidence may include, but is not limited to: the applicant's maturity, motivation, employment history, managerial potential, letters of recommendation, personal statement, community activities, and other accomplishments that support the applicant's potential to successfully complete the program. An applicant so considered and recommended for admission may be approved by the Graduate Dean or Dean's designee.

Application Procedures

All prospective graduate students must file all of the following documents by the application deadline with both the CBA MBA Program Services and the Sacramento State Office of Graduate Studies (River Front Center 215) as noted below:

1. To Sacramento State, Office of Graduate Studies:
 - a. Online Cal State Apply Graduate Application and
 - b. Application Fee (you can pay this when you are filling out your online application).
 - c. Official transcripts from all universities previously attended. Sacramento State current students or graduates: only submit transcripts not previously submitted to the university or from institutions attended after graduation
2. To the College of Business Administration, MBA Program Services Office, the following are required for a complete application:
 - a. The MBA Supplementary Application.
 - b. Supplemental Application Materials.
 - i. Official GMAT or GRE scores;
 - ii. Current resume;
 - iii. 1-2 page statement of purpose;
 - iv. Two letters of recommendation.
 - c. Copies of official transcripts. Please request two copies of official transcripts from all colleges and universities you have attended. Send transcripts to **both** the MBA Program Services office **and** the Office of Graduate Studies. Sacramento State current students or graduates: only submit transcripts not previously submitted to the university or from institutions attended after graduation.

Note: Applications are not considered complete and will not be reviewed unless all application materials and transcripts have been received.

Application Submission

College of Business Administration

MBA Program Services

Tahoe Hall, Room 1020

Sacramento State

6000 J Street

Sacramento, CA 95819-6088

Web site: <https://www.csus.edu/college/business-administration/graduate/mba.html>

Phone: (916) 278-4501

Email: mba@csus.edu

And to:

Office of Graduate Studies

Sacramento State

River Front Center, Room 215

6000 J Street

Sacramento, CA 95819-6112

Web site: <https://www.csus.edu/graduate-studies/>

Phone: (916) 278-6470

Email: grad_admissions@csus.edu

International Applicants

International students (F or J Visas) must apply through International Admissions (<https://www.csus.edu/international-programs-global-engagement/application-admissions-process/>). Do not fill out the general graduate studies application as it will slow down your application process. All materials, inclusive of TOEFL scores, must be turned in to the International Admissions Office. To ensure consideration, international students should submit their material, including GMAT/GRE and TOEFL test scores, to the International Admissions Office one month prior to the CBA MBA Program Services application filing deadline. For an application and details international students should visit The International Admissions Office Web site. (<https://www.csus.edu/international-programs-global-engagement/application-admissions-process/>)

As defined by policy <http://www.csus.edu/umannual/acadaff/fsm00010.htm>, a change in units constitutes a substantive change to the program. If your changes constitute a substantive change, please refer back to the "Program Change Type" field above to ensure that "Substantive" is selected.

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

Prerequisites

Prior to enrolling in the Foundation courses, students must be proficient in mathematics, statistics, and computer usage:

- Mathematics: at least one semester of calculus is strongly preferred;
- Statistics: an introductory course in probability and statistics; and
- Computer usage: ability to use common personal computer hardware and software, particularly word processing programs, spreadsheet programs, and internet browsers.

The faculty will assume that all MBA students have these proficiencies. A student may gain the necessary proficiencies in many ways: through coursework, review classes, self-study; or experience. No proficiency courses can count as credit towards program requirements.

Graduate Writing Assessment Requirement (GWAR)

The Graduate GWAR is a CSU wide requirement that should be completed by students before advancing to candidacy. The purpose of the GWAR is for students to demonstrate their proficiency at writing in an academic setting at a graduate-level.

Graduate students must successfully pass a Graduate Writing Intensive (GWI) course in their Graduate Program to complete the requirement.

Foundation Courses

The Foundation courses provide an academic background in the various disciplines of business. The MBA degree program is built upon this common background. Foundation courses should be taken after the student has attained the required entry proficiencies (prerequisites) and should be completed prior to taking program requirement courses.

A student who has a baccalaureate degree or a minor in Business Administration from an **AACSB-INTERNATIONAL** accredited university may have completed all or most of the Foundation requirements. However, the student will be required to take certain Foundation courses if she/he:

1. has not previously completed the comparable undergraduate course(s) for academic credit from an AACSB-INTERNATIONAL accredited institution or from a high quality program that has a "national or international reputation";
2. has earned less than an overall 3.0 ("B") grade point average (GPA) in the comparable undergraduate courses presented for waiver of required courses;
3. has received a "C" or lower grade in the comparable undergraduate course;
4. cannot demonstrate currency in these courses (10 year limit); or
5. has completed the bachelor's degree at a foreign institution.

Courses taken at **AACSB-INTERNATIONAL** accredited colleges of business will be accepted for transfer credit if the course is regarded as equivalent to the course for which credit is requested. Business Foundation courses and Core courses will not be accepted for transfer credit from programs that are not **AACSB-INTERNATIONAL** accredited unless taken at institutions that have national or international reputations of high quality programs.

Please visit the MBA Program website to download Foundation Course Waiver forms and petitions for equivalency for graduate, non-articulated courses. The CBA Academic Standards Committee will evaluate whether the institutions satisfy the requirement of "national or international reputations of high quality programs." Subsequently, faculty in the appropriate department will make the final determination for course equivalency, e.g., content, method of instruction, method of evaluating students, and/or course duration. To find out if your university is AACSB accredited go to www.AACSB.edu.

Master students who are registered in the last two Foundation courses must file an Application for Classification with the MBA Program Services at mps@csus.edu, to be able to enroll in the courses designated as Program Requirements. The student's academic status will be reviewed to assure that he/she meets the necessary criteria to be accepted as a classified graduate student.

A GPA of at least 3.0 ("B") is required in all Foundation courses taken at Sacramento State, and program requirement courses presented for the degree.

The foundation courses are available after acceptance into one of the CBA Graduate Programs.

Note: To be completed after the student has demonstrated the required entry proficiencies and must be completed prior to taking Program Requirements in any of the Master's programs.

A graduate student may request a challenge for waiver of a College of Business Administration foundation or core course if it at least one of the following conditions is met:

- The student has taken an equivalent class elsewhere, subject to the GPA requirement in CBA academic policy. For core classes, the equivalent class must be at the graduate level; for the foundation classes, the equivalent class can be taken at the undergraduate level.
- The student has achieved appropriate professional or academic qualification.
- The student has appropriate professional work experience.

It is the responsibility of a student to provide sufficient documentation to support a waiver challenge application.

Code	Title	Units
ECON 204	Business Economics	3
MBA 201	Accounting	2
MBA 202	<i>Business Communication</i> ✍	2
This requirement will be waived for students who achieve a score of 4.5 or higher on the Analytical Writing Assessment (AWA) section of the GMAT or GRE exam.		
MBA 203	Legal Environment of Management	2
MBA 206	Managerial Statistics Analysis	2
Total Units		11

Minimum Units and Grade Requirement for the Degree

Units required for MBA: 33 (excluding foundation courses)

Minimum Cumulative GPA: 3.0. The minimum acceptable grade for any graduate business course is "C." No more than two (2) courses with a grade of "C" will be counted for satisfaction of graduate program requirements.

Advancement to Candidacy

A student's program requirements are governed by the catalog in effect at the time one is accepted into and begins graduate school or by the catalog in effect at the time advancement to candidacy is approved.

Prior to enrolling in Culminating Requirements, a student must advance to candidacy. Initiation of advancement procedures is the responsibility of the student. The application to advance must be filed no later than the semester **prior** to enrollment in culminating experience requirement.

Eligibility to advance to candidacy requires satisfactory scholastic achievement, presentation of a plan of graduate study, and demonstration of writing proficiency. A classified graduate student in Business Administration may apply to the MBA Program Services at mps@csus.edu for advancement to candidacy for the Master's degree after s/he has completed at least 12 units of the program requirements beyond the Foundation requirements. Students with a GPA deficiency or who have not fulfilled the Writing Placement for Graduate Students Requirement (WPG) cannot advance to candidacy.

Program Requirements

Code	Title	Units
Required Core Courses (15 Units) ¹		
MBA 210	Managerial Accounting	3
MBA 220	Financial Management	3
MBA 230	Behavior Science Applications in Management	3
MBA 240	Marketing Management	3
MBA 280	Value Chain Integration	3
Required Courses (9 Units)		
MBA 262	Integrated IT in Healthcare	3
MBA 225	Financial Aspects of Health Care Administration	3
MBA 281	Quality and Process Improvement in Healthcare	3
Elective Group (6 Units)		
Select at least two of the following or any MBA 200-level courses:		6
MBA 235	Management Of Innovation	
MBA 260	Management of Technology Intensive Enterprises	
MBA 261	Integrated Business Process Management	
MBA 263	Project and Outsourcing Management	
MBA 264	Business Intelligence	
Culminating Experience (3 Units)		
Select one of the following:		3
MBA 501	Culminating Experience Project in Business and Strategy	
MBA 500A	Thesis	
MBA 500B	Project	
Total Units		33

¹ A graduate student may request a challenge for waiver of a College of Business Administration foundation or core course if at least one of the following conditions is met:

- The student has taken an equivalent class elsewhere, subject to the GPA requirement in CBA academic policy. For core classes, the equivalent class must be at the graduate level; for foundation classes, the equivalent class can be at the undergraduate level.
- The student has achieved appropriate professional or academic qualification.
- The student has appropriate professional work experience.

It is the responsibility of a student to provide sufficient documentation to support waiver challenge application. Academic credit for core courses is not earned by waiver. The requirement for completing a core course is waived, providing the student enrolls in and satisfactorily, completes an elective course in that discipline or an elective approved to the appropriate faculty advisor who grants the waiver.

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

NA

Fiscal Impact to Change an Existing Program

Indicate programmatic or fiscal impact which this change will have on other academic units' programs, and describe the consultation that has occurred with affected units:

No fiscal or programmatic impact. The form B is being updated to accurately describe the MBA program requirements. No curriculum changes are being proposed.

Provide a fiscal analysis of the proposed changes:

The proposed changes will not cause any fiscal alterations.

How will the above changes be accommodated within the department/College existing fiscal resources?

The above changes will be totally accommodated within the College's existing fiscal resources.

Will the proposed changes require additional resources?

No

What additional space, equipment, operating expenses, library, computer, or media resources, clerical/technical support, or other resources will be needed?

No.

Estimate the cost and indicate how these resource needs will be accommodated:

No cost.

Please attach any additional files not requested above:

Academic Standards Committee Unapproved Minutes 2-7-22.docx

Key: 73