

MBA 290: QUANTITATIVE METHODS FOR BUSINESS DECISION-MAKING

In Workflow

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Approval Path

1. Mon, 08 May 2023 17:14:14 GMT
Jai Joon Lee (jlee): Approved for CBA College Committee Chair
2. Mon, 08 May 2023 17:23:39 GMT
Andrey Mikhailitchenko (mikhaili): Approved for CBA Dean

New Course Proposal

Date Submitted: Thu, 09 Mar 2023 19:42:30 GMT

Viewing: MBA 290 : Quantitative Methods for Business Decision-Making

Last edit: Thu, 09 Mar 2023 19:42:29 GMT

Changes proposed by: Feng Liu (213250090)

Contact(s):

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Catalog Title:

Quantitative Methods for Business Decision-Making

Class Schedule Title:

Quant BUS Decision Making

Academic Group: (College)

CBA - Business

Academic Organization: (Department)

Business Administration

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

No

Catalog Year Effective:

Fall 2023 (2023/2024 Catalog)

Subject Area: (prefix)

MBA - Masters Business Admin

Catalog Number: (course number)

290

Course ID: (For administrative use only.)

TBD

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:

In today's data-driven business environment, the ability to analyze and interpret data is critical for success. This course will equip MBA students with the necessary quantitative tools to make informed decisions based on accurate and reliable information. By developing a strong foundation in statistical analysis, probability theory, and data-mining techniques, students will be better prepared to tackle complex business challenges and make effective decisions. Furthermore, offering this new course will establish consistency and alignment between the MBA, EMBA, and iMBA programs, as similar courses are offered in these programs. This alignment will ensure that students across all programs receive the same level of quantitative training, thus enhancing the coherence of our overall MBA offerings.

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

This course presents quantitative methods for decision-making in an increasingly competitive and complex business environment. It covers the processes, methodologies and current practices used to transform business data into useful information and knowledge for managerial decision support and performance improvement. The emphasis will be on how to use quantitative methods to forecast, extrapolate, analyze, and simulate a business situation for effective problem-solving.

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:

MBA 200 MBA Orientation

Prerequisites Enforced at Registration?

No

Does this course have corequisites?

No

Graded:

Letter

Approval required for enrollment?

No Approval Required

Course Component(s) and Classification(s):

Seminar

Seminar Classification

CS#05 - Seminar (K-factor=1 WTU per unit)

Seminar Units

3

Is this a paired course?

No

Is this course crosslisted?

No

Can this course be repeated for credit?

Yes

How many times can the course be taken (including first time passed)?

2

Total credits allowed (including first time passed)

3

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	Students will be able to identify the appropriate quantitative method to address the business problem	Examinations and quizzes; student papers; projects with written reports and oral presentations
2	Students will be able to apply identified methods using correct processes and tool(s)	Examinations and quizzes; student papers; projects with written reports and oral presentations
3	Students will be able to interpret and communicate the results to business audiences involved in decision-making	Examinations and quizzes; student papers; projects with written reports and oral presentations

For whom is this course being developed?

Majors in the Dept

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

Yes

Has a corresponding Program Change been submitted to Workflow?

Yes

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

MBA (General)

MBA (Finance)

MBA (Business Analytics in Healthcare)

MBA (Entrepreneurship and Global Business)

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

Graduate (Masters) Learning Goals:

Critical thinking/analysis

Information literacy

Disciplinary knowledge

Research (optional)

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

Is this a Graduate Writing Intensive (GWI) course?

No

Please attach any additional files not requested above:

Sample syllabus MBA 290.docx

Key: 14888