CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

ACADEMIC SENATE

ACADEMIC PROGRAMS COMMITTEE

REPORT TO

THE ACADEMIC SENATE

AP-006-190

New Master of Science in Business Analytics (Self-Support)

Academic Programs Committee	**Date: 11/04/2019**
Executive Committee **Received and Forwarded**	**Date: 11/06/2019**
Academic Senate	**Date: 11/13/2019** **First Reading** **12/04/2019** **Second Reading**

BACKGROUND

The Technology and Operations Management Department from the College of Business Administration has proposed a new Master of Science in Business Analytics (Self-Support). This is a new program that has been designed to satisfy the contemporary needs in all business fields for data science technology and applications.

The Master of Science in Business Analytics is a one-year cohort program consisting of 33 semester units. The program will be offered through fall semester, spring semester, and the following summer session. This program is designed for students and business professionals who want to have a mastery understanding of business analytics and related subjects. Graduates from this program are expected to be able to, 1) lead organizational changes with data driven decision making; 2) proficiently use programming and database tools for descriptive, predictive, and prescriptive analytics; 3) demonstrate in-depth knowledge in data analytics theories and ability to further explore.

This program is proposed on a self-support basis to avoid diverting faculty time and other resources from state-support programs. Meeting the requirements of GI 2025 and increasing FTES targets is only possible if tenure-line faculty continue to devote their primary efforts to undergraduate instruction. The self-support program will generate the necessary resources to offer this high-quality program without diverting resources from these efforts. While this self-support mode will require voluntary participation from faculty willing to teach overloads, the proponents have identified numerous interested faculty who are eager to develop courses for this program in return for the projected compensation. The Budget Committee was consulted regarding the proposed compensation levels and enrollment, and finds the proposal to be reasonable.

RESOURCES CONSULTED

Deans
Associate Deans
Department Chairs
Faculty
Senate Budget Committee

DISCUSSION

Faculty from all six CBA departments were involved in the development of this program. Before reaching the Academic Programs Committee, this program was reviewed by the Department Curriculum Committee in Technology and Operations Management Department, the College Curriculum Committee in the College of Business Administration, and the Office of Academic Programs. All concerns raised at those levels were addressed. The Academic Programs Committee then conducted campus-wide consultation, as well as its own review of the program. No concerns were raised. The AP Committee has confirmed with the Dean's Office in the College of Business that the number of units in this program is in compliance with the accreditation requirements of AACSB.

RECOMMENDATION:

The Academic Programs Committee recommends approval of the new Master of Science in Business Analytics (Self-Support).

Curriculog Export provided for reference only. Please refer to Curriculog database for latest program information.

Business Analytics, M.S. - 33

E. Program - New Bachelor/Master

General Information

Department*: Technology and Operations Management

Full and exact degree designation and title (e.g. Genetic Counseling, M.S., American Sign Language, B.A.)*: Business Analytics, M.S.

Program Total Units*: 33

Choose Support Type*:
- ( ) State-Support
- (•) Self-Support

submit separate course proposals for each new course.	GBA 6070 - Programming Foundation for Business Analytics (3 credits) GBA 6761 - Business Analytics Challenges I: Innovation & Idea Development, Team Science (1 credit) GBA 6210 – Data Mining for Business Analytics (3 credits) GBA 6220 - Data Management in Business Analytics (3 credits) GBA 6230 – Advanced Statistics in Business Decision Making (3 credits) GBA 6762 - Business Analytics Challenges II: Analysis & Design (2 credits) GBA 6410 – Social Media Analytics & Text Mining (3 credits) GBA 6420 – Optimization Methods for Business Analytics (3 credits) GBA 6430 – Big Data Technology in Business (3 credits) GBA 6951 – Culminating Business Analytics Project III: Implementing & Leading Change (3 credits)

The following fields are for integration purposes with the University Catalog (i.e. Acalog). Please select Program and enter 'n/a' in Curriculum.

Select Program*	(•) Program ( ) Shared Core
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