MASTERS OF SCIENCE IN BUSINESS ANALYTICS DEGREE PROGRAM

About the College of Business Administration

Cal Poly Pomona’s Graduate Business Programs have been accredited by the AACSB, a distinction that less than 5% of the world’s 13,000 business programs have earned. AACSB schools produce graduates that are highly skilled and more desirable to employers than other non-accredited schools.

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MS in Business Analytics Program is designed to satisfy the contemporary needs in all business fields for data science technology and applications. Graduates from this program will demonstrate in-depth knowledge in database, statistics, optimization, and decision theories, and be equipped with skills in Python/R, data warehousing, data mining, text mining and web analytics, big data analytics, and predictive/prescriptive modeling focusing on business applications. The program will focus on the implication of business analytics on various business functional areas such as marketing, supply chain management, finance, information systems, and prepare students with competencies to lead data-driven changes.

Program Highlights
- AACSB accredited
- STEM program with extended OPT
- Very competitive program cost
- Flexible roadmaps - one year or two year length
- Business project experiences throughout the program
- Learning powerful toolboxes (R, Python, Tableau, Hadoop etc.)
- Focus on business story telling competences
- Taught by full-time faculty with expertise in various areas of business analytics

Admission
The admission to this program is based on the holistic view of the following criteria:
- 4-year bachelor’s degree from a regionally accredited college or university
- Demonstrated mastery of college algebra, statistics, and object-oriented programming with a grade of “C” or better in relevant coursework
- Undergraduate degree with at least 2.5 Grade Point Average (or equivalent).
- For International students: demonstrated proof of English proficiency, e.g., TOEFL score of 550 (paper-based), 213 (computer-based) or 79 (internet-based), or IELTS of 6.5 or above.
- Two recommendation letters

Sample Curriculum
- Programming Foundation for Business Analytics (3 credits)
- Statistics Essentials for Business Analytics (3 credits)
- Data Mining for Business Analytics (3 credits)
- Data Management in Business Analytics (3 credits)
- Social Media Analytics & Text Mining (3 credits)
- Optimization Methods for Business Analytics (3 credits)
- Big Data Technology in Business (3 credits)