

BA FLEX OPERATION MANAGEMENT (BAOS)

BAOS 300X | Sales Data Analysis and Communication Using Spreadsheets and Statistics | 2 cr

Delves into statistical concepts and how to compute them with spreadsheet formulas and other features.

Prerequisites: Admission to the Flexible Option Program and consent of program representative.

BAOS 301X | Database Design and Development | 1 cr

Appraises data needs of a business scenario, developing database design, constructing database, designing and running queries and reports needed for business decisions.

Prerequisites: BAOS 300X; admission to the Flexible Option Program and consent of program representative.

BAOS 302X | Building Competitive Advantage Using Information Systems | 1 cr

Constructs information system based on processes of hypothetical scenario, identifies security vulnerabilities of that information system and articulates its competitive advantages.

Prerequisites: BAOS 300X; admission to the Flexible Option Program and consent of program representative.

BAOS 303X | Enterprise Systems and E-Commerce | 1 cr

Examines usefulness, design, documentation and infrastructure of E-Commerce systems. Presents plan in framework of communication to key stakeholders; explains measurement and monitoring of effectiveness of design.

Prerequisites: BAOS 300X; admission to the Flexible Option Program and consent of program representative.

BAOS 310X | Reshoring Product Manufacturing | 2 cr

Examines analysis of imported product, reasons for outsourcing, Total Cost of Ownership (TCO), TCO estimates, and recommends for manufacturing location.

Prerequisites: Admission to the Flexible Option Program and consent of program representative.

BAOS 311X | Issues in Global Business | 2 cr

Examines economic, technological and cultural dimensions of doing business in a selected country for a hypothetical company; reports recommendations for expansion into market as a new sales territory.

Prerequisites: BAOS 310X and ENGL 101; admission to the Flexible Option Program and consent of program representative.

BAOS 320X | Evaluating Competitive Priorities in Operations Management | 1 cr

Evaluates gap between expected and actual performance levels to improve efficiency of business management, using gap analysis technique; identifies resources needed to solve problems; recommends how to approach operations issues under resources constraints.

Prerequisites: BAMA 301X; admission to the Flexible Option Program and consent of program representative.

BAOS 321X | Improving Productivity in Operations | 2 cr

Identifies areas for improvement in operations productivity; develops plan for business performance improvement; describes expected results; discusses key competitive priorities defined by operations; evaluates extent of organizational support for these priorities.

Prerequisites: BAOS 320X; admission to the Flexible Option Program and consent of program representative.

BAOS 400X | Foundational Concepts in Supply Chain Management | 1 cr

Identifies different types of products, supply chain characteristics, and corresponding strategies for managing operations; evaluates gaps and alignments between competitive and supply chain strategies. Applies techniques to improve customer service; provides recommendations for customized service and omnichannel experience to customers; evaluates the role of technology in managing supply chains.

Prerequisites: BAOS 321X; admission to the Flexible Option Program and consent of program representative.

BAOS 401X | Sourcing and Supplier Management Strategies in Supply Chains | 1 cr

Analyzes sourcing strategies; applies purchasing portfolio model and strategic cost management to make sourcing decisions. Evaluates performance of suppliers; provides feedback to suppliers.

Prerequisites: BAOS 400X; admission to the Flexible Option Program and consent of program representative.

BAOS 402X | Inventory Management and Distribution Strategies in Supply Chains | 1 cr

Formulates and applies various inventory models; calculate different types of costs associated with given inventory and distribution strategy; evaluates and selects potential for a new facility.

Prerequisites: BAOS 401X; admission to the Flexible Option Program and consent of program representative.