BUSINESS SYSTEMS AND ANALYTICS

Mission Statement

The mission of the Business Systems and Analytics Department is to advance the knowledge and promote the use of information systems and business analytics for informed and effective problem solving and decision making. Through its faculty, curriculum, students, department sponsored activities, and partnerships with the alumni and business community, the Business Systems and Analytics major seeks to provide a value-added experience for students by communicating and demonstrating the importance of and the need for information systems and business analytics knowledge and skills in the workplace.

Department Goals

Data and Technology Skills

BSA Learning Goal 1: Use analytic methods and techniques to drive effective, data-driven solutions to business problems and decisions

BSA Learning Objective: Demonstrate the ability to perform data analysis using various analytic techniques and interpret results to solve business problems and make informed business decisions.

Code	Title	Credits
Courses in the Core Curriculum that Serve as Foundation		
BUS 202	Descriptive and Predictive Analytics	3
BUS 304	Prescriptive Analytics	3
Courses in the Major that Serve to Build Competency		
BSA 302	Applied Regression Modeling and Visualization	3
BSA 400	Business Applications Programming	3
BSA 420	Data Warehousing and Data Mining in Business	3
BSA 480	Business Systems and Analytics Capstone	3

BSA Learning Goal 2: Use information systems and technologies to drive effective, data-driven solutions to business problems and decisions.

BSA Learning Objective: Demonstrate the ability to use data management tools and technologies to improve organizational support of data-driven solutions to business problems and decisions.

Code	Title	Credits
Courses in the Core Curriculum that Serve as Foundation		
BUS 205	Business Systems for Analytics	3
Courses in the Major that Serve to Build Competency		
BSA 400	Business Applications Programming	3
BSA 410	Systems Analysis and Database Design	3
BSA 420	Data Warehousing and Data Mining in Business	3
BSA 480	Business Systems and Analytics Capstone	3

Critical Thinking and Problem Solving Skills

BSA Learning Goal 3: Solve business problems and make business decisions with information systems and analytics tools and technologies.

BSA Learning Objective: Demonstrate the ability to formulate problems and develop and apply data-driven solutions to business problems and decisions using information systems and analytics tools and technologies.

Code	Title	Credits
Courses in the Core Curriculum that Serve as Foundation		
BUS 202	Descriptive and Predictive Analytics	3
BUS 205	Business Systems for Analytics	3
BUS 304	Prescriptive Analytics	3
Courses in the Major that Serve to Build Competency		
BSA 302	Applied Regression Modeling and Visualization	3
BSA 400	Business Applications Programming	3
BSA 410	Systems Analysis and Database Design	3
BSA 420	Data Warehousing and Data Mining in Business	3
BSA 480	Business Systems and Analytics Capstone	3

Communication Skills

BSA Learning Goal 4: Effectively communicate the results of analytic solutions to business problems and decisions.

BSA Learning Objective: Demonstrate the ability to effectively convey, through oral and written communication, the results of analytic solutions to business problems and decisions.

Code	Title	Credits
Courses in the Core Curriculum that Serve as Foundation		
BUS 202	Descriptive and Predictive Analytics	3
BUS 205	Business Systems for Analytics	3
BUS 304	Prescriptive Analytics	3
Courses in the Major that Serve to Build Competency		
BSA 302	Applied Regression Modeling and Visualization	3
BSA 400	Business Applications Programming	3
BSA 410	Systems Analysis and Database Design	3
BSA 420	Data Warehousing and Data Mining in Business	3
BSA 480	Business Systems and Analytics Capstone	3

Majors

- Business Systems and Analytics, BSBA (https://catalog.lasalle.edu/undergraduate/business/business-systems-analytics/business-systems-analytics-bsba/)

Minors

- Business Systems and Analytics, Minor (For Business Majors) (https://catalog.lasalle.edu/undergraduate/business/business-systems-analytics/business-systems-analytics-bsba/business-systems-analytics-minor/)
- Business Systems and Analytics, Minor (For Non-Business Majors) (https://catalog.lasalle.edu/undergraduate/business/business-systems-analytics/business-systems-analytics-bsba/business-systems-analytics-minor-nonbusiness/)

Location/Contact Information

Dr. Madjid Tavana, Chairperson
tavana@lasalle.edu
Founders' Hall 635
(215) 951-1129

Dr. Nilofar Varzgani

varzgani@lasalle.edu
Founders' Hall 639
(215) 951-1049

Prof. Richard Powers
powersr1@lasalle.edu
Founders' Hall 636
(215) 951-1980

Full-Time Faculty

PROFESSORS: Tavana
ASSISTANT PROFESSORS: Varzgani, Powers

EMERITUS ASSOCIATE PROFESSORS: Kennedy, Szabat