Department: Management, Marketing, Information Systems
Program: BBA in Information Systems

Skill Set	Professional Application	Delivery of Skill Set Courses, extracurricular activities, etc. in which the skill set is introduced (I), reinforced (R), or mastered (M)
Core Skill: Critical Thinking & Problem Solving Skills	Analyze and make strategic decisions using business data. Assist organizations in business decision making using appropriate analyses on organizational data.	MATH 1314 "College Algebra" MATH 1324 "Mathematics for Business & Economics" FINC 3324 "Business Finance" *ISYS 3330 Information Systems & Business Analytics"(I) *ISYS 3356 "Systems Analysis & Design" (R) *MGMT 3355 "Operations, Logistics, & Supply Chain" (R) *ISYS 4358 "Information Systems Project Management" (M)
Core Skill: Global, Cultural, and Sustainable Awareness & Ethical Responsibility	Recognize key components of sustainable, cultural, and global issues in a business context. Understand important issues in the global enterprise including cultural and sustainable concerns. Recognize, analyze and defend a solution to ethical problems.	BUAD 2374 "International Business"(I) MGMT 3355 "Operations, Logistics, & Supply Chain"(R) MRKT 3324 "Principles of Marketing" (R) ISYS 3356 "Systems Analysis & Design"(R) *ISYS 4358 "Information Systems Project Management"(M) MGMT 4390 "Strategic Management in a Global Business Environment" (M)
Core Skill: Professional Proficiency and Communication	Business and technical communication. Grasp of ISYS communication tools such as Software Flow Charts and E-R Diagrams. Business and technical writing and oral communication, creation of program flow charts and E-R Diagrams.	UNIV 1102 "University Success"(I) COMS 1315 "Communication"(I) BCOM 3306 "Business Communication"(R) ISYS 3330 "Information Systems & Business Analytics"(R) ISYS 3340 "Databases & Data Warehousing"(R) ISYS 3356 "Systems Analysis & Design"(M)
Discipline-based skill: Web Design	Demonstrate skills in web programing logic, design, and syntax appropriate to solve a specific business problem. Create Web-based software to deliver business data to business stakeholders.	ISYS 3320 "Responsive Web Site Design"(I) Use diverse web Technologies to create a Web solution to a specific business problem in ISYS 4303 "Client/Server Application Development" (R)
Discipline-based skill: Technical Competence	MS Excel, ERP (SAP), Programming skills in different programming languages, Database Design & SQL, Systems Design. Skills in programming logic, design, and syntax appropriate to solve a specific business problem.	BUAD 1115 "Introduction to Business Software"(I) MATH 1314 "College Algebra" MATH 1324 "Mathematics for Business & Economics" FINC 3324 "Business Finance"(R) *ISYS 3330 Information Systems & Business Analytics"(R) MGMT 3355 "Operations, Logistics, and Supply Chain" (R)

Skill Set	Professional Application	Delivery of Skill Set Courses, extracurricular activities, etc. in which the skill set is introduced (I), reinforced (R), or mastered (M)
Discipline-based skill: Project Management Skills	Organize teams, manage tasks, expectations and deliverables. Apply skills to manage business projects; recognize critical paths and assign appropriate resources.	Planning, organizing and control activities required for effective project management in ISYS 3356 "Systems Analysis and Design" (I) ISYS 4358 "Information Systems Project Management" (R) MGMT 4390 "Strategic Management in a Global Business Environment" (M)
Discipline-based skill: Enterprise Resource Platform (ERP) (SAP)	Understand the application of holistic business functions by using ERP software. Develop a variety of skills and knowledge essential to organizations that use ERP.	Use and implement various ERP modules across different business areas in *ISYS 3330 "Information Systems and Business Analytics" (I) and *MGMT 3355 "Operations, Logistics, & Supply Chain Management" (R) MGMT 4390 "Strategic Management in a Global Business Environment" (M)
Discipline-based skill: Database Design and SQL Skills	Design, implement and write SQL code for the efficient utilization of database systems. Apply skills and knowledge essential to design and implement database systems utilizing the SQL language.	Use and implement a full functional database from business rules utilizing the SQL language amongst other tools in ISYS 3340 "Database & Data Warehousing."(I) (R)