In this document, we see a list of courses related to the development of business systems and information technology. Here are some key points extracted:

- **ISYS 198 Information Systems Spreadsheet Make-Up (Unit: 1)**: Prerequisite: Consent of the instructor. Additional study to make up the spreadsheet component of otherwise equivalent courses in order to receive full credit. (CR/NC grading only)

- **ISYS 263 Introduction to Information Systems (Units: 3)**: Prerequisite: GE Area B4* or DS 212*.

- **ISYS 350 Building Business Applications (Units: 3)**: Prerequisite: ISYS 263 with a grade of C- or better.

- **ISYS 363 Information Systems for Management (Units: 3)**: Prerequisites: ISYS 263* and ACCT 100* with grades of C- or better.

- **ISYS 350*; ISYS 363* or ACCT 307*, with grades of C- or better**.

- **ISYS 365 Managing Enterprise Networks (Units: 3)**: Prerequisite: ISYS 363 with a grade of C- or better.

- **ISYS 366 Information Systems Analysis and Design (Units: 3)**: Prerequisites: ISYS 350 and ISYS 363 with grades of C- or better.

- **ISYS 367 Information Systems Internship (Units: 3)**: Prerequisites: ISYS 363; completed an application form; a minimum GPA of 3.0 in ISYS courses; consent of instructor.

- **ISYS 368 Multimedia Business Applications Development (Units: 3)**: Prerequisite: ISYS 363 with a grade of C- or better.

- **ISYS 369 Information Systems for Business Process Management (Units: 3)**: Prerequisite: ISYS 363 with a grade of C- or better.

- **ISYS 370 New Advances in IT in Organizations (Units: 3)**: Prerequisites: ISYS 350*; ISYS 363* or ACCT 307*, with grades of C- or better.

- **ISYS 512 Business Application Design and Development with .NET (Units: 3)**: Prerequisites: ISYS 350 and ISYS 363 with grades of C- or better.

- **ISYS 556 Building Mobile Business Applications (Units: 3)**: Prerequisites: Restricted to upper-division standing; ISYS 350 or one semester of programming with a grade of C- or better.

- **ISYS 557 Managing Open Source (Units: 3)**: Prerequisites: Restricted to senior standing; ISYS 363.

- **ISYS 558 Multimedia Business Applications Development (Units: 3)**: Prerequisite: ISYS 363 with a grade of C- or better.

- **ISYS 565 Managing Enterprise Networks (Units: 3)**: Prerequisite: ISYS 363 with a grade of C- or better.

- **ISYS 566 Building Mobile Business Applications (Units: 3)**: Prerequisites: Restricted to upper-division standing; ISYS 350 or one semester of programming with a grade of C- or better.

- **ISYS 567 Information Systems Internship (Units: 3)**: Prerequisites: ISYS 363; completed an application form; a minimum GPA of 3.0 in ISYS courses; consent of instructor.

- **ISYS 568 Multimedia Business Applications Development (Units: 3)**: Prerequisite: ISYS 363 with a grade of C- or better.

- **ISYS 569 Information Systems for Business Process Management (Units: 3)**: Prerequisite: ISYS 363 with a grade of C- or better.

- **ISYS 570 New Advances in IT in Organizations (Units: 3)**: Prerequisites: ISYS 350*; ISYS 363* or ACCT 307*, with grades of C- or better.

The rapid adoption of innovative Information Technology (IT) architectures and tools. Topics to be specified in the Class Schedule. May be repeated for a total of six units as topics vary. [CSL may be available]
ISYS 575 Information Security Management (Units: 3)
Prerequisites: ISYS 363 and ISYS 565 with a grade of C- or better.
Information security from a management perspective. Identification of organization's information assets, threats to these assets, information security strategy to protect assets.

ISYS 650 Business Intelligence (Units: 3)
Prerequisite: ISYS 363.
Analysis and design of business intelligence systems that are aligned with business processes. Identification and use of business data, (re)design of information and knowledge systems, business modeling methodology. (Plus-minus letter grade only)

ISYS 663 Information Technology Project Management (Units: 3)
Prerequisite: ISYS 350 or ISYS 363 with a grade of C- or better.
Managing information technology projects including both technical and behavioral aspects, Managing IT project scope, cost, time, quality, risk, human resources, communications, procurement, and outsourced IT projects. Senior IT management role.

ISYS 699 Independent Study (Units: 1-3)
Prerequisite: Consent of the instructor, adviser, and department chair.
Intensive problem analysis under the direction of a business computer information systems faculty member. Open only to upper-division students who have demonstrated the ability to do independent work.

ISYS 812 Programming and Applications for Data Analytics (Units: 3)
Prerequisites: Restricted to graduate Business students; BUS 782 or one-semester of programming. Graduate students in other programs admitted with the consent of the Faculty Director of Graduate Programs.
Fundamental programming, data processing, and business application development with an emphasis on data analytics. Application development tools and analytics libraries. Selection of tools and libraries will vary based on instructor preference. (Plus-minus letter grade only)

ISYS 814 Information Systems for Strategic Advantage (Units: 3)
Prerequisites: Restricted to graduate Business students; BUS 782; Graduate students in other programs admitted with the consent of the Faculty Director of Graduate Programs.
In-depth treatment of three topics: derivation of an Information Systems (IS) strategy, specification of information system requirements, and design and implementation of an information-based solution. (Plus-minus letter grade only)

ISYS 850 Seminar in Business Intelligence (Units: 3)
Prerequisites: Restricted to graduate Business students; BUS 782; graduate students in other programs admitted with the consent of the Faculty Director of Graduate Programs.
Tools and techniques for extracting business intelligence from data to support strategic decision making. Applications of business intelligence and analytics methodologies in different functional areas. Managerial implications. (Plus-minus letter grade only)

ISYS 856 Enterprise Mobile Applications (Units: 3)
Prerequisites: Restricted to graduate Business students; BUS 782; graduate students in other programs admitted with the consent of the Faculty Director of Graduate Programs.
Focus on mobile enterprise technologies in the workplace that enable new business models to connect customers and enterprises; Design Thinking methodology to facilitate the creative design of enterprise mobile strategy and solutions; employment of Enterprise Resource Planning (ERP) mobile development platform to help prototype and develop innovative mobile solutions. Activity. (Plus-minus letter grade only)

ISYS 864 Data Management for Analytics (Units: 3)
Prerequisites: Restricted to graduate Business students; ISYS 812 or equivalent; graduate students in other programs permitted with the consent of the Faculty Director of Graduate Programs.
Fundamentals of database management in the context of business analytics processing with an introduction to the principles, design, security, and use of database management systems in business with an emphasis on Big Data Management. (Plus-minus letter grade only)

ISYS 869 Business Process Management (Units: 3)
Prerequisites: Restricted to graduate Business students; BUS 782. Graduate students in other programs admitted with the consent of the Faculty Director of Graduate Programs.
Design of business processes and their implementation through change management. Modeling and analysis of business processes. (Re)design and implementation of systems that enable them. Business modeling languages and techniques. (Plus-minus letter grade only)

ISYS 871 Electronic Commerce (Units: 3)
Prerequisites: Restricted to graduate Business students; BUS 782.
Graduate students in other programs admitted with the consent of the Faculty Director of Graduate Programs.

ISYS 875 Enterprise Cyber Security Management (Units: 3)
Prerequisites: ISYS 814 and ISYS 865 or consent of the instructor.
Foundation for understanding the critical issues associated with protecting information assets, determining the levels of protection and response to cybersecurity incidents, and designing a consistent, reasonable information security systems, with appropriate intrusion detection and reporting features. Overview of the field of cybersecurity and assurance. Exposure to the spectrum of cybersecurity activities, methods, methodologies, and procedures. Explore data and network attack vectors, spyware, network defense, cybersecurity appliances, social engineering, and cryptographic communication platforms. Reflects new industry trends.
ISYS 895 Research Project in Information Systems (Units: 3)
Prerequisites: ISYS 814 and three 800-level required courses in the chosen emphasis. Open only to computer information systems and electronic commerce MSBA candidates; consent of instructor and approval of Advancement to Candidacy (ATC) and Culminating Experience (CE) forms by Graduate Studies.

Research methodology and supervised research culminating in oral and written presentations. Advancement to Candidacy and Proposal for Culminating Experience Requirement forms must be approved by Graduate Studies before registration. (Plus-minus letter grade; no CR/NC allowed; RP)

ISYS 899 Independent Study (Units: 1-3)
Prerequisites: Restricted to graduate Business students; consent of the instructor, adviser, and department chair; open only to graduate students who demonstrate the ability to work independently.

Intensive study of a particular problem under the direction of an Information Systems faculty member. (Plus-minus letter grade only)