**Requirements- MS IS**

Registration numbers- 200

Room numbers for classes- 10

Snead Hall

B2175

B2177

B2165

B2166

B2155

B2157

B3176

B3158

B3115

B1117

Courses- 6:

* Data Communications- INFO520- morning
* Systems Development- INFO 530
* Principles of Computer and Information security- INFO 544
* Analysis of Design of Database systems- INFO 610
* Information system management- INFO 640
* Data Mining- INFO 614

Instructor names:

* Data Communications- INFO520- Prof. Pramodkumar
* Systems Development- INFO 530- Prof. Etudo
* Principles of Computer and Information security- INFO 544- Prof. Elizabeth Baker
* Analysis of Design of Database systems- INFO 610- Prof. Etudo
* Information system management- INFO 640- Prof. Skaritza
* Data Mining- INFO 614- Prof. Holzem

Course details:

**1. Data Communications - INFO 520**

* **Instructor**: Prof. Pramodkumar
* **Credits**: 3 credits
* **Description**: This course introduces the principles and technologies behind data communication systems. Topics include network architecture, protocols, data transmission, error detection, and emerging technologies in communication networks.

**2. Systems Development - INFO 530**

* **Instructor**: Prof. Etudo
* **Credits**: 3 credits
* **Description**: This course covers methodologies and tools for developing information systems. Students will learn about the systems development life cycle (SDLC), project management, requirements analysis, and software design and testing techniques.

**3. Principles of Computer and Information Security - INFO 544**

* **Instructor**: Prof. Elizabeth Baker
* **Credits**: 3 credits
* **Description**: This course focuses on the foundational concepts of computer security and information assurance. Topics include cryptography, security protocols, risk management, and the legal aspects of cybersecurity.

**4. Analysis and Design of Database Systems - INFO 610**

* **Instructor**: Prof. Etudo
* **Credits**: 3 credits
* **Description**: This course covers the principles and techniques used in the design and implementation of database systems. Topics include data modeling, normalization, SQL, and database management system (DBMS) architecture.

**5. Information Systems Management - INFO 640**

* **Instructor**: Prof. Skaritza
* **Credits**: 3 credits
* **Description**: This course addresses the strategic and managerial aspects of information systems in organizations. Students learn about IT governance, information resource management, and the role of information systems in decision-making processes.

**6. Data Mining - INFO 614**

* **Instructor**: Prof. Holzem
* **Credits**: 3 credits
* **Description**: This course provides an introduction to data mining techniques used for extracting useful patterns from large datasets. Topics include classification, clustering, association rules, and machine learning algorithms.

**Roles:**

Product Owner- AJ

Developers:

* Alexander
* Balasivan
* Bharathi