Outline

- About the department
- Programs
- Curriculum
- Facilities
- Plans for the future
- QA
Before 2000 – in the college of A&S

After 2000 – in the college of business

Three programs
  • Computer Science
  • Information Systems
  • Business Administration – MIS option

One degree
  • BS in Computer Science and Information Systems
**CORE CS / IS**
- CSIS 161 – Programming I
- CSIS 162 – Programming II (161)
- CSIS 237 – Algorithms & Data Structures (162)
- CSIS 247 - Intro to Computer Networks (162)
- CSIS 333 – DBMS (162)
- CSIS 355 – Computer Architecture & Assembly (237)

**CS**
- CSIS 343 – Software Engineering and Capstone Project (237)
- CSIS 429 – OS and System Programming (355)
- CPTS 484 Seminar (writing intensive)
- CSIS Elective: CSIS 337 Computer Graphics
- CSIS Elective: CSIS 373 Bioinformatics
- CSIS Elective: CSIS 451 Artificial Intelligence
- CSIS Elective: CSIS 441 Adv Net
- MATH 166 – Calculus I
- MATH 236 – Discrete Math
- MATH 256 (Linear Algebra) or 361 (Symbolic Logic) or 366 (Combinatorics)

**IS**
- CSIS 423 (Intro to System Analysis)
- CSIS 433 (Design of Information Systems)
- CPTS 484 Seminar (writing intensive)
- CSIS Elective
- CSIS Elective
- CSIS Elective
- CSIS Elective
- MATH 156 or 166 – Calculus I
- MATH 236 – Discrete Math
Curriculum

CSIS Core

161 (Programming 1)

162 (Programming 2)

333 (DBMS)  237 (Data Struct.)  247 (Network)

355 (Architecture)  343 (Software Eng.)

CS Core

357 (OS & SP)
Two main department specific labs

- Networking lab
  - Rack equipped with
    - Cisco Equipments (e.g., routers, switches, etc.)
    - Gateway servers
    - Etc.
  - Mainly used by our intro and advance networking courses
  - Physically separated from the campus network

- Operating Systems Lab
  - Mainly used by Operating Systems and System Programming labs
  - Physically separated from the campus network

Many General Access labs
- Used for our introductory core courses
Expand to include the following programs
- Computer security
- Intelligent Systems and Data Mining
- Bioinformatics

Plan
- Offer one or two courses
- General Elective Course in Personal Information Security