Information Systems Pathways

**BS/BA**

**Intro to Systems**
- CS160 (4) Survey of CS

**Intro to Programming**
- CS13x (4) Intro to Programming
- CS161 (4) Computer Science I

**IS Fundamentals**
- IS240 (4) Information Management I
- IS270 (4) Operating Systems
- IS278 (4) Networks

**IS Fundamentals (继续)**
- IS301 (4) IS Automation
- IS340 (4) Information Management II
- IS345 (4) Systems Analysis

**IS Fundamentals (继续)**
- IS350 (4) Enterprise Architecture

**BAS, 2+2**

**Math for IS**
- MTH231 or equiv. (4) Discrete Math
- STAT243Z (4) Intro to Prob and Stat

**Concentration: 16 credits**
- **Cybersecurity**
  - CS271 (4) Computer Organization
  - IS370 (4) Ethical Hacking
  - IS485 (4) Intro Computer Security
  - IS486 (4) Network Security
- **IS/CS/DATA**
  - 1/2/3/400 (4) Elective
  - 300/400 (4) Elective
  - 300/400 (4) Elective
  - 300/400 (4) Elective

**Minor**

- 16 upper-division IS course credits
- plus prerequisites (24-36 total credits)

**Sample Electives**
- DATA101 Foundations of Data Analytics
- CS13x Intro to Programming
- CS162 Computer Science II
- WR300 Tech and Workplace Writing
- CS312 Social History Computing
- CS340 Computer Ethics
- CS436 Dynamic System Simulation
- CS/IS407 Seminars
- DATA432 Intro to Data Analytics
- DATA434 Data Visualization
- DATA436 Learning from Data
- DATA438 Social/Economic Networks