INFORMATICS
Ira A. Fulton School of Engineering
SCHOOL OF COMPUTING AND INFORMATICS

2007-2008
Brickyard, Room 208, Ph: 480.965.3199

The BIS area of concentration in Informatics requires 24 hours of coursework which includes 12 hours of upper division courses.

Required Courses
(All students must take the following courses)

CPI 101: Introduction to Informatics (3) (CS designation pending)
CSE 110: Principles of Programming with Java (3) (CS)
CPI 200: Mathematical Foundations of Informatics (3) (MA designation pending)
CPI 410: Information and Data Management (3)
CPI 460: Informatics and Decision Making (3)
STP 226: Elements of Statistics (3) *
CPI 490: Capstone Project (3)

*Please consult an SCI advisor about alternate statistics courses

Elective Courses
(Students must select one from the following list)*

CPI 400/470: Scientific Computing and Visualization (3)/Application of Modeling and Visualization (1)
CPI 420: Technology and Society (3)
CPI 430: Social Simulation (3)

*Certain departments may offer courses which could satisfy this elective requirement. Please consult with an SCI advisor for approvals. Call 965-3199 for SCI Advising Center.

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NOTE: Grade of C (2.00) or better required.
Minimum 12 upper division hours required.
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--> NEEDS: 24.0 HOURS   2 SUB-GROUPS

- 1) CORE - 21 hours
     Please consult an SCI advisor about alternate
     statistics courses.
      NEEDS: 21.0 HOURS
     COURSE LIST: CPI 101 CPI 200 CPI 410 CPI 460
      CPI 490 CSE 110 STP 226

- 2) ELECTIVES - 3 hours
     Please consult with an SCI advisor for a list
     of other approved courses.
     NOTE: CPI 470 can taken together with CPI 400.
      NEEDS: 3.0 HOURS
     COURSE LIST: CPI 400 CPI 420 CPI 430