The BIS area of concentration in Information Sciences 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 Information Science (3) (CS designation pending)
- CSE 110: Principles of Programming with Java (3) (CS)
- CPI 200: Mathematical Foundations of Information Science (3) (MA designation pending)
- CPI 410: Information and Data Management (3)
- CPI 460: Information Science 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.