Single-headed Arrows indicate prerequisites and corequisites; all non-cross-listed courses also require a minimum grade (C- except where noted above) in all prerequisite courses. Darkly shaded courses are required and lightly shaded courses are system electives. Courses with a thin border require full admission to the CS major or minor while courses with a thick border do not. The semester that a course is normally offered is indicated as Fa (fall) or Sp (spring).

Courses with alternative prerequisites from other departments:
- CS/ISAT 461: ISAT 480
- CS 240, CS 327: MATH 227 or MATH 345

Courses with prerequisites from other departments:
- CS 240: MATH 231
- CS/MATH 448, CS/MATH 449: MATH 237, MATH 238, MATH 248