



- All courses are CISC courses unless indicated otherwise. Courses designated CS-XXX are CISC-XXX in the Arts and Science calendar and SOFT-XXX in the Applied Science calendar. MATH indicates any 100-level course in Mathematics. STAT indicates any course in Statistics. HONS indicates Admission to Honours in SODE.
- A solid arrow \longrightarrow indicates a required prerequisite, a dotted arrow $\cdots \rightarrow$ indicates a corequisite (may be taken before or concurrently), and a dashed arrow $-\ - - \rightarrow$ indicates a recommended prerequisite. Indirect prerequisites are not shown.
- Required courses in the SODE program are in **bold** boxes; other courses (i.e., options or prerequisites) are in **light** boxes. CISC-498 is not required for students registered in a Professional Internship. Click in any course box to see its description.
- Timetabling abbreviations: F=fall, W=winter, FW=fall and/or winter, eve=evening, ns=no slot designated (see Queen's timetable), no=not offered in 2010-11.
- 3rd year students in SODE should take CS-423* (Software Requirements) in 2010-11; it may not be offered in 2011-12.
- A high-school programming course (or equivalent experience) may be used in lieu of CISC-101* or CISC-110* as a prerequisite to CISC-121*. PHIL-158* can be replaced by WRIT-175* (or any course with a significant writing component). APSC-221 may be replaced by COMM-200 or COMM-244. See the calendar for information on Complementary courses. For assistance with this program, consult the counsellor for SODE.