Diagram of Prerequisites and Planned Course Offering for Computer Science Program at Beloit College

FE Fall, even years

Spring, odd years SO

Normally scheduled times – See separate listing of exceptions

FO Fall, odd years

Spring, even years SE

All courses are 1 unit except 347, 365, 366, 375 & 376 are ½ unit over the full semester

This diagram only overviews the requirements. Please see the catalog for the full & official requirements

Required for major

Prerequisite (solid line)

Recommended prerequisite (dashed line)

366 Database Capstone II SO

376 Software Engineering Capstone II SE

FE 365 Database Capstone I

375 Software Engineering Capstone I FO

315 Algorithm Design & Analysis SO

335 Threads & Operating Systems FO

Junior standing

FE 347 Computer Models & Languages

Two 200+-level courses

265 Web Design & Web Programming SE

FE Math 160 Discrete Structures

204 Data Structures & Algorithms SO SE

245 Computer Networks SE

FE 225 Computer Architecture FO

FE Math 110 Calculus I SO FO SE

FE 111 Introduction to Object-Oriented Programming SO FO SE

COGS 280 Cognitive Robotics SO

165 Web Design SE

Junior standing

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